SHAWFLEX

Wire and Cable Solutions for Marine Industry

KEY MARKETS

- Nuclear Power
- EV Infrastructure
- Industrial & Commercial
- Communications
- Marine & Shipboard
- Utilities
- Aerospace & Defense
- Mining
- Custom Cable Solutions
- Renewable Energy
- Transit & Railway

SHAWFLEX

Innovative Wire and Cable Solutions

FROM COMMON TO CUSTOM

Shawflex is committed to leading the industry with innovative solutions that are proven, dependable and tested to the highest standards and precisely manufactured to your specifications.

Many customers rely on our unique in-house design capability and expertise to tackle projects of all scopes and sizes. We provide comprehensive services, advanced in-house materials, and product research as well as product development and pre-qualification testing.

We offer customers much more than a catalogue of products. We provide the technical leadership and service responsiveness needed to meet all your project deadlines as well as your performance requirements to produce a dependable and superior product.

THE DESIGN PROCESS

Shawflex is uniquely positioned as both a run-to-order and an engineered-to-order wire and cable company. Run-to-order products are available from our extensive catalogue of standard constructions/items.

For engineered-to-order cables, our highly skilled technical team will work with you to interpret performance criteria, determine innovative solutions and optimise cable capabilities while ensuring the cable meets all applicable safety and specification requirements.

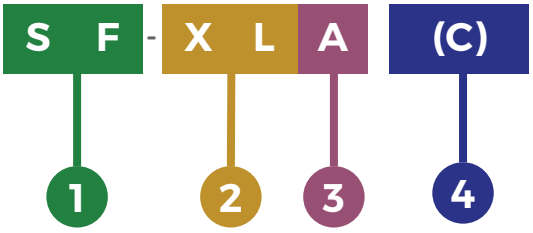
Shawflex is ready to help you meet the high performance needs of today.


SHAWFLEX

CODE DESIGNATION

RATED VOLTAGE	INSULATION	ARMOUR (OPTIONAL)	SHIELD (OPTIONAL)
SE : 0.6/1 kV (XLPE)	**XL** : XLPE	A : Braided Wire	**(C)** : Overall Screen
SL : 0.6/1 kV (HF90)	**HF** : HF90		**(I)** : Individually and Overall Screen
SF : 150/250V (XLPE)			
SH : 150/250V (HF90)			

Example



1. RATED VOLTAGE: 150/250 V (XLPE)
2. INSULATION: XLPE
3. ARMOUR: Braided Wire
4. SHIELD: Overall Screen

Guide

CABLE TYPE (RATED VOLTAGE)	INSULATION/JACKET	ARMOUR	DESIGNATION
Power & Control Cable (0.6/1 kV)	XLPE/SHF1	Unarmoured	SE-XL
		Armoured	SE-XLA
	HF90/SHF1	Unarmoured	SL-HF
		Armoured	SL-HFA
Control & Instrumentation Cable (150/250V)	XLPE/SHF1	Unarmoured	SF-XL SF-XL (C) SF-XL (I)
		Armoured	SF-XLA SF-XLA (C) SF-XLA (I)
	HF90/SHF1	Unarmoured	SH-HF SH-HF (C) SH-HF (I)
		Armoured	SH-HFA SH-HFA (C) SH-HFA (I)

SHAWFLEX

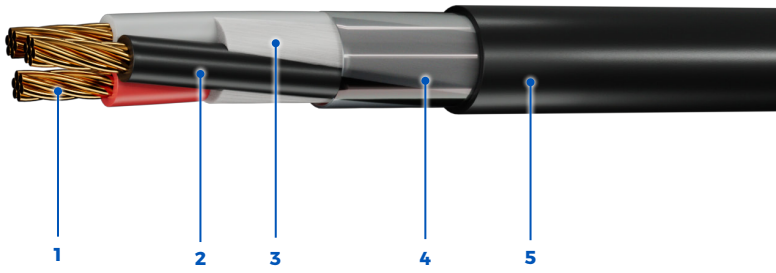
CONTENT

Power and Control Cables

Control and Instrumentation Cables

SE-XL 600/1000 V Unarmoured Multi-Conductor (LSZH), XLPE/SHF1

SE-XL 600/1000 V unarmoured multicore cables are suitable for use in offshore oil and gas, shipboard and marine applications. Our cables are made to IEC specifications and can be modified to fit your specific requirements.



1 – Stranded Bare or Tinned Class 2 or Class 5 Copper Conductors

2 – XLPE Insulated Conductors

3 – Polypropylene Fillers

4 – Fiberglass Tape

5 – Protective LSZH Outer Sheath

Standards:

RoHS, ABS Type Approved Product, LR, Transport Canada

Operating Temperature

-40˚C to +90˚C

Product Construction

Conductor:

- Stranded bare or tinned copper class 5 (standard) or class 2 (optional)

Insulation:

- XLPE Rated: +90°C Wet/Dry, IEC 60092-360

Shield:

- Aluminum/mylar shield with drain wire or copper tape shielded (optional)

Jacket:

- FR LSZH Thermoplastic, IEC 60092-360 (SHF1)

Available in:

- Custom insulation/ jacket colours

Certification/ Compliances

Construction & Materials:

- IEC 60092-353
- IEC 60092-350
- IEC 60092-360 (Insulation & Sheath)
- IEC 60228 (Conductor)

Performance:

- IEC 60332-3-22, Cat. A (Flame Retardancy)
- IEC 60754-1 & 2, IEC 60684-2 (Halogen Free)
- IEC 61034-1 & 2 (Low Smoke Emission)
- Cold Bend & Impact (-40°C/-35°C)

Approvals:

- American Bureau of Shipping (ABS)
- Lloyd's Register
- Transport Canada

600/ 1000 V

Voltage

Power and Control

Colour Coding

Custom colour coding available, inc.

- Per IEEE 1580 Table 23:

2C - Black, White

3C - Black, White, Red

4C - Black, White Red, Green

5C - Black, White, Red, Green, Orange

6C - Black, White, Red, Green, Orange, Blue

≥7C - Base color with tracers

SE-XL 600/1000 V Unarmoured Multi-Conductor (LSZH), XLPE/SHF1

NUMBER OF CONDUCTORS	X	SIZE OF CONDUCTORS	NOMINAL OD OVERALL CABLE	CABLE WEIGHT	AMPACITY	SHAWFLEX PART NUMBER
(c)		*(mm^2)*	*(in/mm)*	*(lbs/1000ft) / (kg/km)*	*(45°C ambient)*	
2c	x	1	0.3 / 8.3	65.44 / 97.39	16	SE011E0102F0800
2c	x	1.5	0.4 / 9.2	79.19 / 117.85	20	SE011E3A02F0800
2c	x	2.5	0.4 / 10.1	97.7 / 145.39	26	SE011E5A02F0800
2c	x	4	0.4 / 11.1	124.51 / 185.29	34	SE011E0402F0800
2c	x	6	0.5 / 12.9	167.75 / 249.64	44	SE011E0602F0800
2c	x	10	0.6 / 14.4	233.1 / 346.9	61	SE011E1002F0800
2c	x	16	0.7 / 17.9	356.33 / 530.27	82	SE011E1602F0800
2c	x	25	0.8 / 21.5	525.87 / 782.59	108	SE011E2502F0800
2c	x	35	1 / 24.3	684.57 / 1018.75	133	SE011E3502F0800
2c	x	50	1.1 / 27.3	936.17 / 1393.17	167	SE011E5002F0800
2c	x	70	1.3 / 32.1	1269.82 / 1889.7	206	SE011E7002F0800
2c	x	120	1.6 / 40.1	2062.33 / 3069.08	288	SE011E12002F0800
3c	x	1	0.3 / 8.7	75.21 / 111.92	12	SE011E0103F0800
3c	x	1.5	0.4 / 9.7	92.87 / 138.2	16	SE011E3A03F0800
3c	x	2.5	0.4 / 10.6	117.39 / 174.7	21	SE011E5A03F0800
3c	x	4	0.5 / 12	161.47 / 240.29	28	SE011E0403F0800
3c	x	6	0.5 / 13.6	212.75 / 316.61	36	SE011E0603F0800
3c	x	10	0.6 / 15.5	308.74 / 459.46	50	SE011E1003F0800
3c	x	16	0.8 / 19.2	479.12 / 713	67	SE011E1603F0800
3c	x	25	0.9 / 23	706.52 / 1051.41	89	SE011E2503F0800
3c	x	35	1 / 26	932.72 / 1388.04	110	SE011E3503F0800
3c	x	50	1.2 / 29.3	1274.07 / 1896.03	137	SE011E5003F0800
3c	x	70	1.4 / 34.5	1737.88 / 2586.24	169	SE011E7003F0800
3c	x	120	1.7 / 43	2834.96 / 4218.88	237	SE011E12003F0800
4c	x	1	0.4 / 9.4	85.79 / 127.66	12	SE011E0104F0800
4c	x	1.5	0.4 / 10.5	106.18 / 158.02	16	SE011E3A04F0800
4c	x	2.5	0.5 / 11.8	148.24 / 220.61	21	SE011E5A04F0800
4c	x	4	0.5 / 13	194.76 / 289.84	28	SE011E0404F0800
4c	x	6	0.6 / 14.9	263.13 / 391.57	36	SE011E0604F0800
4c	x	10	0.7 / 16.9	385.66 / 573.93	50	SE011E1004F0800
4c	x	16	0.8 / 21.1	601.25 / 894.75	67	SE011E1604F0800
4c	x	25	1 / 25.3	896.84 / 1334.64	89	SE011E2504F0800
5c	x	1	0.4 / 10.5	102.19 / 152.08	10	SE011E0105F0800
5c	x	1.5	0.5 / 11.6	130.32 / 193.93	13	SE011E3A05F0800
5c	x	2.5	0.5 / 12.7	176.09 / 262.05	17	SE011E5A05F0800
5c	x	4	0.6 / 14.2	233.65 / 347.7	22	SE011E0405F0800
5c	x	6	0.6 / 16.5	320.47 / 476.91	29	SE011E0605F0800
5c	x	10	0.7 / 18.7	476.52 / 709.14	40	SE011E1005F0800
5c	x	16	0.9 / 23.3	745.81 / 1109.88	54	SE011E1605F0800
5c	x	25	1.1 / 28	1113.86 / 1657.6	71	SE011E2505F0800

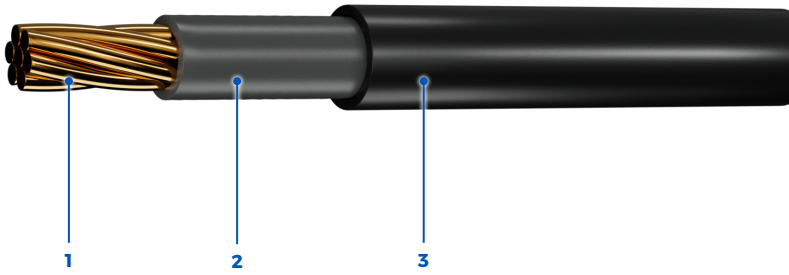
SE-XL 600/1000 V Unarmoured Multi-Conductor (LSZH), XLPE/SHF1

NUMBER OF CONDUCTORS	X	SIZE OF CONDUCTORS	NOMINAL OD OVERALL CABLE	CABLE WEIGHT	AMPACITY*	SHAWFLEX PART NUMBER
(c)		*(mm^2)*	*(in/mm)*	*(lbs/1000ft) / (kg/km)*	*(45°C ambient)*	
7c	x	1	0.5 / 11.6	129.07 / 192.08	8	SE011E0107F0800
7c	x	1.5	0.5 / 12.5	159.06 / 236.71	11	SE011E3A07F0800
7c	x	2.5	0.5 / 13.8	213.55 / 317.8	15	SE011E5A07F0800
10c	x	1	0.6 / 14.3	176.43 / 262.56	8	SE011E0110F0800
10c	x	1.5	0.6 / 15.8	227.61 / 338.72	11	SE011E3A10F0800
10c	x	2.5	0.7 / 17.5	305.29 / 454.33	15	SE011E5A10F0800
12c	x	1	0.6 / 14.7	195.39 / 290.78	8	SE011E0112F0800
12c	x	1.5	0.6 / 16.3	254.11 / 378.16	11	SE011E3A12F0800
12c	x	2.5	0.7 / 18	344.38 / 512.49	15	SE011E5A12F0800
14c	x	1	1	222.46 / 331.06	8	SE011E0114F0800
14c	x	1.5	0.7 / 17	280.82 / 417.9	11	SE011E3A14F0800
14c	x	2.5	0.8 / 19.2	399.4 / 594.37	15	SE011E5A14F0800
19c	x	1	0.7 / 17.3	277.13 / 412.41	8	SE011E0119F0800
19c	x	1.5	0.8 / 19.1	364.5 / 542.44	11	SE011E3A19F0800
19c	x	2.5	0.8 / 21.3	503.86 / 749.82	15	SE011E5A19F0800
24c	x	1	0.8 / 20.3	359.64 / 535.21	8	SE011E0124F0800
24c	x	1.5	0.9 / 22.4	471.19 / 701.21	11	SE011E3A24F0800
24c	x	2.5	1 / 25	651.27 / 969.19	15	SE011E5A24F0800
27c	x	1	0.8 / 20.7	388.23 / 577.75	7	SE011E0127F0800
27c	x	1.5	0.9 / 22.9	511.09 / 760.58	10	SE011E3A27F0800
27c	x	2.5	1 / 25.8	724.34 / 1077.94	13	SE011E5A27F0800
37c	x	1	0.9 / 23.3	503.62 / 749.47	7	SE011E0137F0800
37c	x	1.5	1 / 25.7	666.5 / 991.86	10	SE011E3A37F0800
37c	x	2.5	1.1 / 29	952.15 / 1416.96	13	SE011E5A37F0800

*Ampacity value based on ABS Rules for Building and Classing Steel Vessels, Version 2023, Table-6. Values are corrected according to Table 6 for number of Conductors.
**Available in both American Wire Gauge (AWG) and Metric wire conductor sizes

SE-XL 600/1000 V Unarmoured Single Conductor (LSZH), XLPE/SHF1

SE-XL 600/1000 V unarmoured single core cables are suitable for use in offshore oil and gas, shipboard and marine applications. Our cables are made to IEC specifications and can be modified to fit your specific requirements.



1 – Stranded Bare or Tinned Class 2 or Class 5 Copper Conductors

2 – XLPE Insulated Conductors

3 – Protective LSZH Outer Sheath

Standards:

RoHS · ABS Type Approved Product · LR · Transport Canada

Operating Temperature

-40˚C to +90˚C

Product Construction

Conductor:

- Stranded bare or tinned copper class 5 (standard) or class 2 (optional)

Insulation:

- XLPE Rated: +90°C Wet/Dry, IEC 60092-360

Jacket:

- FR LSZH Thermoplastic, IEC 60092-360 (SHF1)

Available in:

- Custom insulation/ jacket colours

Certification/ Compliances

Construction & Materials:

- IEC 60092-353
- IEC 60092-350
- IEC 60092-360 (Insulation & Sheath)
- IEC 60228 (Conductor)

Performance:

- IEC 60332-1-2 (Flame Retardancy)
- IEC 60754-1 & 2, IEC 60684-2 (Halogen Free)
- IEC 61034-1 & 2 (Low Smoke Emission)
- Cold Bend & Impact (-40°C/-35°C)

Approvals:

- American Bureau of Shipping (ABS)
- Lloyd's Register
- Transport Canada

600/ 1000 V

Voltage

Colour Coding

- Black conductor (standard)

Power and Control

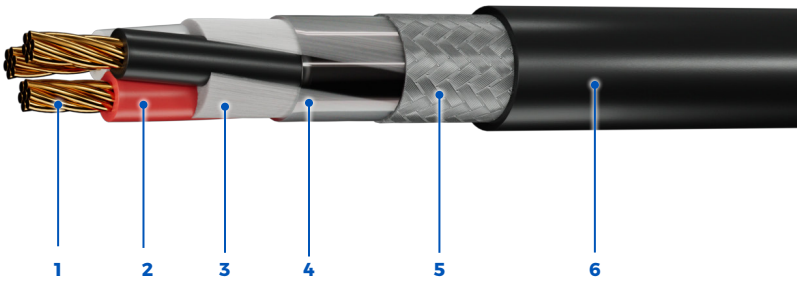
SE-XL 600/1000 V Unarmoured Single Conductor (LSZH), XLPE/SHF1

NUMBER OF CONDUCTORS	X	SIZE OF CONDUCTORS	NOMINAL OD OVERALL CABLE	CABLE WEIGHT	AMPACITY	SHAWFLEX PART NUMBER
(c)		*(mm^2)*	*(in/mm)*	*(lbs/1000ft) / (kg/km)*	*(45°C ambient)*	
1c	x	1	0.2 / 5.1	28 / 41.66	18	SE010E0101F0800
1c	x	1.5	0.2 / 5.4	32.93 / 49	23	SE010E3A01F0800
1c	x	2.5	0.2 / 5.8	41.4 / 61.61	30	SE010E5A01F0800
1c	x	4	0.3 / 6.4	53.27 / 79.28	40	SE010E0401F0800
1c	x	6	0.3 / 7.1	69.7 / 103.72	52	SE010E0601F0800
1c	x	10	0.3 / 7.8	97.86 / 145.64	72	SE010E1001F0800
1c	x	16	0.4 / 9.6	151.04 / 224.77	96	SE010E1601F0800
1c	x	25	0.5 / 11.5	224.13 / 333.55	127	SE010E2501F0800
1c	x	35	0.5 / 12.7	288.19 / 428.88	157	SE010E3501F0800
1c	x	50	0.6 / 14.1	390.63 / 581.32	196	SE010E5001F0800
1c	x	70	0.7 / 16.7	532.82 / 792.93	242	SE010E7001F0800
1c	x	120	0.8 / 20.5	859.43 / 1278.97	339	SE010E12001F0800

*Ampacity value based on ABS Rules for Building and Classing Steel Vessels, Version 2023, Table-6. Values are corrected according to Table 6 for number of Conductors.
**Available in both American Wire Gauge (AWG) and Metric wire conductor sizes

SE-XLA 600/1000 V Armoured Multi-Conductor (LSZH), XLPE/SHF1

SE-XLA 600/1000 V armoured multicore cables are suitable for use in offshore oil and gas, shipboard and marine applications. Our cables are tested to IEC specifications and can be modified to fit your specific requirements.



1 – Stranded Bare or Tinned Class 2 or Class 5 Copper Conductors

2 – XLPE Insulated Conductors

3 – Polypropylene Fillers

4 – Fiberglass Tape

Optional: LSZH Inner Sheath

5 – Tinned-Copper or Bronze Braided Armour

6 – Protective LSZH Outer Sheath

Standards:

RoHS

Transport Canada

Operating Temperature

-40˚C to +90˚C

Product Construction

Conductor:

- Stranded bare or tinned copper class 5 (standard) or class 2 (optional)

Insulation:

- XLPE Rated: +90°C Wet/Dry, IEC 60092-360

Armour:

- Tinned-Copper Braid (Standard)
- Bronze Braid (optional)

Jacket:

- FR LSZH Thermoplastic, IEC 60092-360 (SHF1)

Available in:

- Custom insulation/ jacket colours

Certification/ Compliances

Construction & Materials:

- IEC 60092-353
- IEC 60092-350
- IEC 60092-360 (Insulation & Sheath)
- IEC 60228 (Conductor)

Performance

- IEC 60332-3-22, Cat. A (Flame Retardancy)
- IEC 60754-1 & 2, IEC 60684-2 (Halogen Free)
- IEC 61034-1 & 2 (Low Smoke Emission)
- Cold Bend & Impact (-40°C/-35°C)

Approvals

- American Bureau of Shipping (ABS)
- Lloyd's Register
- Transport Canada

600/ 1000 V

Voltage

Power and Control

Colour Coding

Custom colour coding available, inc.

- Per IEEE 1580 Table 23:

2C - Black, White

3C - Black, White, Red

4C - Black, White, Red, Green

5C - Black, White, Red, Green, Orange

6C - Black, White, Red, Green, Orange, Blue

≥7C - Base color with tracers

SE-XLA 600/1000 V Armoured Multi-Conductor (LSZH), XLPE/SHF1

NUMBER OF CONDUCTORS	X	SIZE OF CONDUCTORS	NOMINAL OD OVERALL CABLE	CABLE WEIGHT	AMPACITY	SHAWFLEX PART NUMBER
(c)		*(mm^2)*	*(in/mm)*	*(lbs/1000ft) / (kg/km)*	*(45°C ambient)*	
2c	x	1	0.4 / 9.3	106.12 / 157.92	16	SEC11E0102F0800
2c	x	1.5	0.4 / 10.2	123.99 / 184.51	20	SEC11E3A02F0800
2c	x	2.5	0.5 / 11.5	168.8 / 251.2	26	SEC11E5A02F0800
2c	x	4	0.5 / 12.5	202.7 / 301.66	34	SEC11E0402F0800
2c	x	6	0.6 / 14.3	257.76 / 383.59	44	SEC11E0602F0800
2c	x	10	0.6 / 15.8	332.91 / 495.42	61	SEC11E1002F0800
2c	x	16	0.8 / 19.3	479.6 / 713.72	82	SEC11E1602F0800
2c	x	25	0.9 / 22.9	672.78 / 1001.2	108	SEC11E2502F0800
2c	x	35	1 / 25.7	850.04 / 1265	133	SEC11E3502F0800
2c	x	50	1.1 / 28.7	1121.9 / 1669.56	167	SEC11E5002F0800
3c	x	1	0.4 / 9.7	117.85 / 175.38	12	SEC11E0103F0800
3c	x	1.5	0.4 / 10.7	139.86 / 208.14	16	SEC11E3A03F0800
3c	x	2.5	0.5 / 12	192.08 / 285.84	21	SEC11E5A03F0800
3c	x	4	0.5 / 13.4	245.47 / 365.3	28	SEC11E0403F0800
3c	x	6	0.6 / 15.1	307.67 / 457.87	36	SEC11E0603F0800
3c	x	10	0.7 / 16.9	415.9 / 618.93	50	SEC11E1003F0800
3c	x	16	0.8 / 20.6	611.16 / 909.51	67	SEC11E1603F0800
3c	x	25	1 / 24.4	863.89 / 1285.6	89	SEC11E2503F0800
3c	x	35	1.1 / 27.4	1110.01 / 1651.87	110	SEC11E3503F0800
3c	x	50	1.2 / 30.7	1473.14 / 2192.27	137	SEC11E5003F0800
4c	x	1	0.4 / 10.4	131.73 / 196.03	12	SEC11E0104F0800
4c	x	1.5	0.5 / 11.9	179.94 / 267.78	16	SEC11E3A04F0800
4c	x	2.5	0.5 / 13.2	230.61 / 343.18	21	SEC11E5A04F0800
4c	x	4	0.6 / 14.4	285.69 / 425.15	28	SEC11E0404F0800
4c	x	6	0.7 / 16.5	375.97 / 559.51	36	SEC11E0604F0800
4c	x	10	0.7 / 18.3	502.33 / 747.55	50	SEC11E1004F0800
4c	x	16	0.9 / 22.5	745.45 / 1109.35	67	SEC11E1604F0800
4c	x	25	1.1 / 27	1084.46 / 1613.86	89	SEC11E2504F0800
5c	x	1	0.5 / 11.9	176.27 / 262.32	9.6	SEC11E0105F0800
5c	x	1.5	0.5 / 13	211.55 / 314.82	12.8	SEC11E3A05F0800
5c	x	2.5	0.6 / 14.2	265.07 / 394.47	16.8	SEC11E5A05F0800
5c	x	4	0.6 / 15.6	332.2 / 494.37	22.4	SEC11E0405F0800
5c	x	6	0.7 / 17.9	434.39 / 646.44	28.8	SEC11E0605F0800
5c	x	10	0.8 / 20.2	605.19 / 900.62	40	SEC11E1005F0800
5c	x	16	1 / 24.7	904.86 / 1346.58	53.6	SEC11E1605F0800
5c	x	25	1.2 / 29.4	1304.14 / 1940.78	71.2	SEC11E2505F0800
7c	x	1	0.5 / 13	210.31 / 312.97	8.4	SEC11E0107F0800
7c	x	1.5	0.5 / 13.9	246.37 / 366.64	11.2	SEC11E3A07F0800
7c	x	2.5	0.6 / 15.2	309.47 / 460.54	14.7	SEC11E5A07F0800

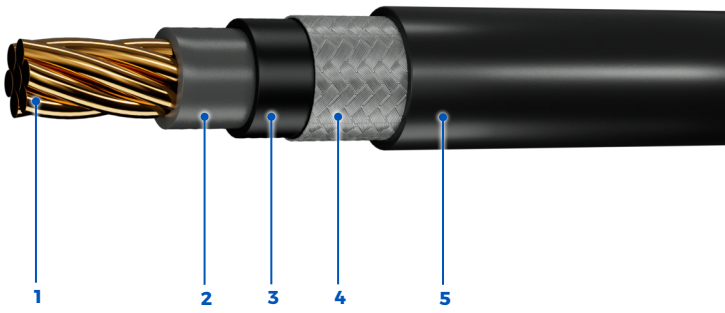
SE-XLA 600/1000 V Armoured Multi-Conductor (LSZH), XLPE/SHF1

NUMBER OF CONDUCTORS	X	SIZE OF CONDUCTORS	NOMINAL OD OVERALL CABLE	CABLE WEIGHT	AMPACITY	SHAWFLEX PART NUMBER
(c)		*(mm^2)*	*(in/mm)*	*(lbs/1000ft) / (kg/km)*	*(45°C ambient)*	
10c	x	1	0.6 / 15.7	275.9 / 410.58	8.4	SEC11E0110F0800
10c	x	1.5	0.7 / 17.2	336.87 / 501.31	11.2	SEC11E3A10F0800
10c	x	2.5	0.7 / 18.9	426.03 / 634	14.7	SEC11E5A10F0800
12c	x	1	0.6 / 16.1	297.59 / 442.87	8.4	SEC11E0112F0800
12c	x	1.5	0.7 / 17.7	366.41 / 545.28	11.2	SEC11E3A12F0800
12c	x	2.5	0.8 / 19.5	468.59 / 697.34	14.7	SEC11E5A12F0800
14c	x	1	0.7 / 17.1	331.1 / 492.72	8.4	SEC11E0114F0800
14c	x	1.5	0.7 / 18.5	398.38 / 592.85	11.2	SEC11E3A14F0800
14c	x	2.5	0.8 / 20.6	531.16 / 790.45	14.7	SEC11E5A14F0800
19c	x	1	0.7 / 18.7	396.51 / 590.07	8.4	SEC11E0119F0800
19c	x	1.5	0.8 / 20.5	495.55 / 737.47	11.2	SEC11E3A19F0800
19c	x	2.5	0.9 / 22.7	649.26 / 966.21	14.7	SEC11E5A19F0800
24c	x	1	0.9 / 21.7	498.8 / 742.29	8.4	SEC11E0124F0800
24c	x	1.5	0.9 / 23.8	624.34 / 929.12	11.2	SEC11E3A24F0800
24c	x	2.5	1 / 26.4	821.64 / 1222.73	14.7	SEC11E5A24F0800
27c	x	1	0.9 / 22.1	530.12 / 788.91	7.2	SEC11E0127F0800
27c	x	1.5	1 / 24.3	667.28 / 993.01	9.6	SEC11E3A27F0800
27c	x	2.5	1.1 / 27.2	899.87 / 1339.16	12.6	SEC11E5A27F0800
37c	x	1	1 / 24.7	662.85 / 986.42	7.2	SEC11E0137F0800
37c	x	1.5	1.1 / 27.1	841.6 / 1252.43	9.6	SEC11E3A37F0800
37c	x	2.5	1.2 / 30.4	1149.02 / 1709.93	12.6	SEC11E5A37F0800

*Ampacity value based on ABS Rules for Building and Classing Steel Vessels, Version 2023, Table-6. Values are corrected according to Table 6 for number of Conductors.
**Available in both American Wire Gauge (AWG) and Metric wire conductor sizes.

SE-XLA 600/1000 V Armoured Single Conductor (LSZH), XLPE/SHF1

SE-XLA 600/1000 V armoured single core cables are suitable for use in offshore oil and gas, shipboard and marine applications. Our cables are tested to IEC specifications and can be modified to fit your specific requirements.



1 – Stranded Bare or Tinned Class 2 or Class 5 Copper Conductors

2 – XLPE Insulated Conductors

3 – Extruded LSZH Inner Covering

4 – Tinned-Copper or Bronze Braided Armour

5 – Protective LSZH Outer Sheath

Standards:

RoHS, ABS Type Approved Product, LR, Transport Canada

Operating Temperature

-40˚C to +90˚C

Product Construction

Conductor:

- Stranded bare or tinned copper class 5 (standard) or class 2 (optional)

Insulation:

- XLPE Rated: +90°C Wet/Dry, IEC 60092-360

Armour:

- Tinned-Copper Braid (Standard)
- Bronze Braid (optional)

Jacket:

- FR LSZH Thermoplastic, IEC 60092-360 (SHF1)

Available in:

- Custom insulation/ jacket colours

Certification/ Compliances

Construction & Materials:

- IEC 60092-353
- IEC 60092-350
- IEC 60092-360 (Insulation & Sheath)
- IEC 60228 (Conductor)

Performance:

- IEC 60332-1-2 (Flame Retardancy)
- IEC 60754-1 & 2, IEC 60684-2 (Halogen Free)
- IEC 61034-1 & 2 (Low Smoke Emission)
- Cold Bend & Impact (-40°C/-35°C)

Approvals:

- American Bureau of Shipping (ABS)
- Lloyd's Register
- Transport Canada

600/ 1000 V

Voltage

Colour Coding

- Black conductor (standard)

Power and Control

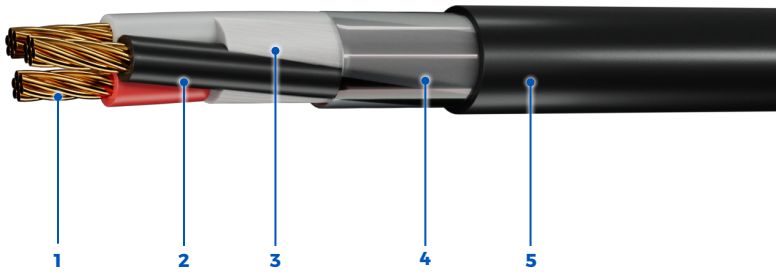
SE-XLA 600/1000 V Armoured Single Conductor (LSZH), XLPE/SHF1

NUMBER OF CONDUCTORS	X	SIZE OF CONDUCTORS	NOMINAL OD OVERALL CABLE	CABLE WEIGHT	AMPACITY	SHAWFLEX PART NUMBER
(c)		*(mm^2)*	*(in/mm)*	*(lbs/1000ft) / (kg/km)*	*(45°C ambient)*	
1c	x	1	0.2 / 6.1	53.7 / 79.91	18	SEC10E0101F0800
1c	x	1.5	0.3 / 6.4	60.04 / 89.35	23	SEC10E3A01F0800
1c	x	2.5	0.3 / 6.8	70.52 / 104.95	30	SEC10E5A01F0800
1c	x	4	0.3 / 7.4	84.87 / 126.29	40	SEC10E0401F0800
1c	x	6	0.3 / 8.1	104.83 / 156	52	SEC10E0601F0800
1c	x	10	0.4 / 9.1	141.84 / 211.09	72	SEC10E1001F0800
1c	x	16	0.4 / 10.6	197.49 / 293.89	96	SEC10E1601F0800
1c	x	25	0.5 / 12.6	296.8 / 441.69	127	SEC10E2501F0800
1c	x	35	0.6 / 14.1	377.02 / 561.07	157	SEC10E3501F0800
1c	x	50	0.6 / 15.5	488.74 / 727.33	196	SEC10E5001F0800
1c	x	70	0.7 / 18.1	647.82 / 964.06	242	SEC10E7001F0800
1c	x	120	0.9 / 21.9	999.91 / 1488.04	339	SEC10E12001F0800

*Ampacity value based on ABS Rules for Building and Classing Steel Vessels, Version 2023, Table-6. Values are corrected according to Table 6 for number of Conductors.
**Available in both American Wire Gauge (AWG) and Metric wire conductor sizes

SL-HF 600/1000 V Unarmoured Multi-Conductor (LSZH), HF90/SHF1

SL-HF 600/1000 V unarmoured multicore cables are suitable for use in offshore oil and gas, shipboard and marine applications. Our cables are made to IEC specifications and can be modified to fit your specific requirements.



1 – Stranded Bare or Tinned Class 2 or Class 5 Copper Conductors

2 – Halogen Free HF90 Insulated Conductors

3 – Polypropylene Fillers

4 – Fiberglass Tape

5 – Protective LSZH Outer Sheath

Standards:

RoHS, ABS Type Approved Product, LR, Transport Canada

Operating Temperature

-40˚C to +90˚C

Product Construction

Conductor:

- Stranded bare or tinned copper class 5 (standard) or class 2 (optional)

Insulation:

- Halogen Free HF90 Rated: +90°C Wet/Dry, IEC 60092-360

Shield:

- Aluminum/mylar shield with drain wire or copper tape shielded (optional)

Jacket:

- FR LSZH Thermoplastic, IEC 60092-360 (SHF1)

Available in:

- Custom insulation/ jacket colours

Certification/ Compliances

Construction & Materials:

- IEC 60092-353
- IEC 60092-350
- IEC 60092-360 (Insulation & Sheath)
- IEC 60228 (Conductor)

Performance:

- IEC 60332-3-22, Cat. A (Flame Retardancy)
- IEC 60754-1 & 2, IEC 60684-2 (Halogen Free)
- IEC 61034-1 & 2 (Low Smoke Emission)
- IEC 60811-403 (Ozone Resistance)
- Cold Bend & Impact (-40°C/-35°C)

Approvals:

- American Bureau of Shipping (ABS)
- Lloyd's Register
- Transport Canada

600/ 1000 V

Voltage

Power and Control

Colour Coding

Custom colour coding available, inc.

- Per IEEE 1580 Table 23:

2C - Black, White

3C - Black, White, Red

4C - Black, White Red, Green

5C - Black, White, Red, Green, Orange

6C - Black, White, Red, Green, Orange, Blue

≥7C - Base color with tracers

SL-HF 600/1000 V Unarmoured Multi-Conductor (LSZH), HF90/SHF1

NUMBER OF CONDUCTORS	X	SIZE OF CONDUCTORS	NOMINAL OD OVERALL CABLE	CABLE WEIGHT	AMPACITY	SHAWFLEX PART NUMBER
(c)		*(mm^2)*	*(in/mm)*	*(lbs/1000ft) / (kg/km)*	*(45°C ambient)*	
2c	x	1	0.3 / 8.3	65.44 / 97.39	16	SL011E0102F0800
2c	x	1.5	0.4 / 9.2	79.19 / 117.85	20	SL011E3A02F0800
2c	x	2.5	0.4 / 10.1	97.7 / 145.39	26	SL011E5A02F0800
2c	x	4	0.4 / 11.1	124.51 / 185.29	34	SL011E0402F0800
2c	x	6	0.5 / 12.9	167.75 / 249.64	44	SL011E0602F0800
2c	x	10	0.6 / 14.4	233.1 / 346.9	61	SL011E1002F0800
2c	x	16	0.7 / 17.9	356.33 / 530.27	82	SL011E1602F0800
2c	x	25	0.8 / 21.5	525.87 / 782.59	108	SL011E2502F0800
2c	x	35	1 / 24.3	684.57 / 1018.75	133	SL011E3502F0800
2c	x	50	1.1 / 27.3	936.17 / 1393.17	167	SL011E5002F0800
2c	x	70	1.3 / 32.1	1269.82 / 1889.7	206	SL011E7002F0800
2c	x	120	1.6 / 40.1	2062.33 / 3069.08	288	SL011E12002F0800
3c	x	1	0.3 / 8.7	75.21 / 111.92	12	SL011E0103F0800
3c	x	1.5	0.4 / 9.7	92.87 / 138.2	16	SL011E3A03F0800
3c	x	2.5	0.4 / 10.6	117.39 / 174.7	21	SL011E5A03F0800
3c	x	4	0.5 / 12	161.47 / 240.29	28	SL011E0403F0800
3c	x	6	0.5 / 13.6	212.75 / 316.61	36	SL011E0603F0800
3c	x	10	0.6 / 15.5	308.74 / 459.46	50	SL011E1003F0800
3c	x	16	0.8 / 19.2	479.12 / 713	67	SL011E1603F0800
3c	x	25	0.9 / 23	706.52 / 1051.41	89	SL011E2503F0800
3c	x	35	1 / 26	932.72 / 1388.04	110	SL011E3503F0800
3c	x	50	1.2 / 29.3	1274.07 / 1896.03	137	SL011E5003F0800
3c	x	70	1.4 / 34.5	1737.88 / 2586.24	169	SL011E7003F0800
3c	x	120	1.7 / 43	2834.96 / 4218.88	237	SL011E12003F0800
4c	x	1	0.4 / 9.4	85.79 / 127.66	12	SL011E0104F0800
4c	x	1.5	0.4 / 10.5	106.18 / 158.02	16	SL011E3A04F0800
4c	x	2.5	0.5 / 11.8	148.24 / 220.61	21	SL011E5A04F0800
4c	x	4	0.5 / 13	194.76 / 289.84	28	SL011E0404F0800
4c	x	6	0.6 / 14.9	263.13 / 391.57	36	SL011E0604F0800
4c	x	10	0.7 / 16.9	385.66 / 573.93	50	SL011E1004F0800
4c	x	16	0.8 / 21.1	601.25 / 894.75	67	SL011E1604F0800
4c	x	25	1 / 25.3	896.84 / 1334.64	89	SL011E2504F0800
5c	x	1	0.4 / 10.5	102.19 / 152.08	10	SL011E0105F0800
5c	x	1.5	0.5 / 11.6	130.32 / 193.93	13	SL011E3A05F0800
5c	x	2.5	0.5 / 12.7	176.09 / 262.05	17	SL011E5A05F0800
5c	x	4	0.6 / 14.2	233.65 / 347.7	22	SL011E0405F0800
5c	x	6	0.6 / 16.5	320.47 / 476.91	29	SL011E0605F0800
5c	x	10	0.7 / 18.7	476.52 / 709.14	40	SL011E1005F0800
5c	x	16	0.9 / 23.3	745.81 / 1109.88	54	SL011E1605F0800
5c	x	25	1.1 / 28	1113.86 / 1657.6	71	SL011E2505F0800

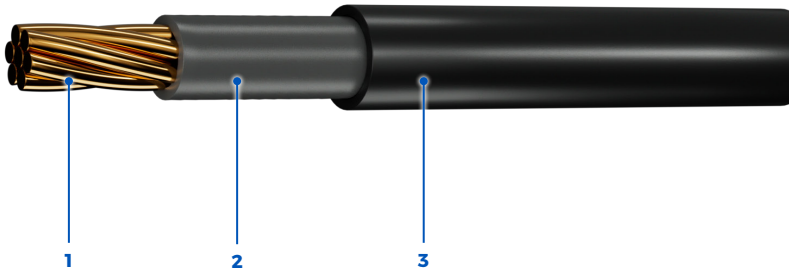
SL-HF 600/1000 V Unarmoured Multi-Conductor (LSZH), HF90/SHF1

NUMBER OF CONDUCTORS	X	SIZE OF CONDUCTORS	NOMINAL OD OVERALL CABLE	CABLE WEIGHT	AMPACITY	SHAWFLEX PART NUMBER
(c)		*(mm^2)*	*(in/mm)*	*(lbs/1000ft) / (kg/km)*	*(45°C ambient)*	
7c	x	1	0.5 / 11.6	129.07 / 192.08	8	SL011E0107F0800
7c	x	1.5	0.5 / 12.5	159.06 / 236.71	11	SL011E3A07F0800
7c	x	2.5	0.5 / 13.8	213.55 / 317.8	15	SL011E5A07F0800
10c	x	1	0.6 / 14.3	176.43 / 262.56	8	SL011E0110F0800
10c	x	1.5	0.6 / 15.8	227.61 / 338.72	11	SL011E3A10F0800
10c	x	2.5	0.7 / 17.5	305.29 / 454.33	15	SL011E5A10F0800
12c	x	1	0.6 / 14.7	195.39 / 290.78	8	SL011E0112F0800
12c	x	1.5	0.6 / 16.3	254.11 / 378.16	11	SL011E3A12F0800
12c	x	2.5	0.7 / 18	344.38 / 512.49	15	SL011E5A12F0800
14c	x	1	1	222.46 / 331.06	8	SL011E0114F0800
14c	x	1.5	0.7 / 17	280.82 / 417.9	11	SL011E3A14F0800
14c	x	2.5	0.8 / 19.2	399.4 / 594.37	15	SL011E5A14F0800
19c	x	1	0.7 / 17.3	277.13 / 412.41	8	SL011E0119F0800
19c	x	1.5	0.8 / 19.1	364.5 / 542.44	11	SL011E3A19F0800
19c	x	2.5	0.8 / 21.3	503.86 / 749.82	15	SL011E5A19F0800
24c	x	1	0.8 / 20.3	359.64 / 535.21	8	SL011E0124F0800
24c	x	1.5	0.9 / 22.4	471.19 / 701.21	11	SL011E3A24F0800
24c	x	2.5	1 / 25	651.27 / 969.19	15	SL011E5A24F0800
27c	x	1	0.8 / 20.7	388.23 / 577.75	7	SL011E0127F0800
27c	x	1.5	0.9 / 22.9	511.09 / 760.58	10	SL011E3A27F0800
27c	x	2.5	1 / 25.8	724.34 / 1077.94	13	SL011E5A27F0800
37c	x	1	0.9 / 23.3	503.62 / 749.47	7	SL011E0137F0800
37c	x	1.5	1 / 25.7	666.5 / 991.86	10	SL011E3A37F0800
37c	x	2.5	1.1 / 29	952.15 / 1416.96	13	SL011E5A37F0800

*Ampacity value based on ABS Rules for Building and Classing Steel Vessels, Version 2023, Table-6. Values are corrected according to Table 6 for number of Conductors.
**Available in both American Wire Gauge (AWG) and Metric wire conductor sizes

SL-HF 600/1000 V Unarmoured Single Conductor (LSZH), HF90/SHF1

SL-HF 600/1000 V unarmoured single core cables are suitable for use in offshore oil and gas, shipboard and marine applications. Our cables are made to IEC specifications and can be modified to fit your specific requirements.



1 – Stranded Bare or Tinned Class 2 or Class 5 Copper Conductors

2 – Halogen Free HF90 Insulated Conductors

3 – Protective LSZH Outer Sheath

Standards:

RoHS · ABS Type Approved Product · LR · Transport Canada

Operating Temperature

-40˚C to +90˚C

Product Construction

Conductor:

- Stranded bare or tinned copper class 5 (standard) or class 2 (optional)

Insulation:

- Halogen Free HF90 Rated: +90°C Wet/Dry, IEC 60092-360

Jacket:

- FR LSZH Thermoplastic, IEC 60092-360 (SHF1)

Available in:

- Custom insulation/ jacket colours

Certification/ Compliances

Construction & Materials:

- IEC 60092-353
- IEC 60092-350
- IEC 60092-360 (Insulation & Sheath)
- IEC 60228 (Conductor)

Performance:

- IEC 60332-1-2 (Flame Retardancy)
- IEC 60754-1 & 2, IEC 60684-2 (Halogen Free)
- IEC 61034-1 & 2 (Low Smoke Emission)
- IEC 60811-403 (Ozone Resistance)
- Cold Bend & Impact (-40°C/-35°C)

Approvals:

- American Bureau of Shipping (ABS)
- Lloyd's Register
- Transport Canada

600/ 1000 V

Voltage

Colour Coding

- Black conductor (standard)

Power and Control

SL-HF 600/1000 V Unarmoured Single Conductor (LSZH), HF90/SHF1

NUMBER OF CONDUCTORS	X	SIZE OF CONDUCTORS	NOMINAL OD OVERALL CABLE	CABLE WEIGHT	AMPACITY	SHAWFLEX PART NUMBER
(c)		*(mm^2)*	*(in/mm)*	*(lbs/1000ft) / (kg/km)*	*(45°C ambient)*	
1c	x	1	0.2 / 5.1	28 / 41.66	18	SL010E0101F0800
1c	x	1.5	0.2 / 5.4	32.93 / 49	23	SL010E3A01F0800
1c	x	2.5	0.2 / 5.8	41.4 / 61.61	30	SL010E5A01F0800
1c	x	4	0.3 / 6.4	53.27 / 79.28	40	SL010E0401F0800
1c	x	6	0.3 / 7.1	69.7 / 103.72	52	SL010E0601F0800
1c	x	10	0.3 / 7.8	97.86 / 145.64	72	SL010E1001F0800
1c	x	16	0.4 / 9.6	151.04 / 224.77	96	SL010E1601F0800
1c	x	25	0.5 / 11.5	224.13 / 333.55	127	SL010E2501F0800
1c	x	35	0.5 / 12.7	288.19 / 428.88	157	SL010E3501F0800
1c	x	50	0.6 / 14.1	390.63 / 581.32	196	SL010E5001F0800
1c	x	70	0.7 / 16.7	532.82 / 792.93	242	SL010E7001F0800
1c	x	120	0.8 / 20.5	859.43 / 1278.97	339	SL010E12001F0800

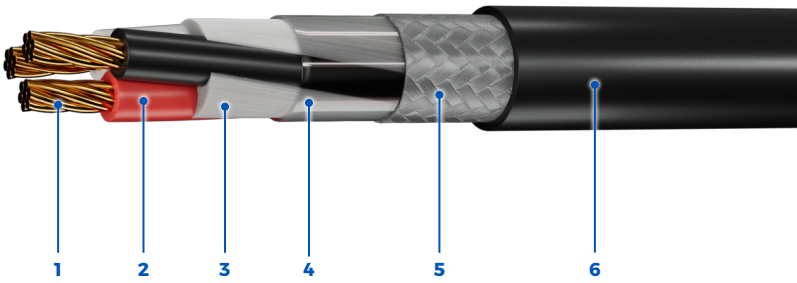
*Ampacity value based on ABS Rules for Building and Classing Steel Vessels, Version 2023, Table-6. Values are corrected according to Table 6 for number of Conductors.
**Available in both American Wire Gauge (AWG) and Metric wire conductor sizes

SL-HFA 600/1000 V Armoured Multi-Conductor (LSZH), HF90/SHF1

SL-HFA 600/1000 V armoured multicore cables are suitable for use in offshore oil and gas, shipboard and marine applications. Our cables are made to IEC specifications and can be modified to fit your specific requirements.

Standards:

RoHS · ABS Type Approved Product · LR · Transport Canada



1 – Stranded Bare or Tinned Class 2 or Class 5 Copper Conductors

2 – Halogen Free HF90 Insulated Conductors

3 – Polypropylene Fillers

4 – Fiberglass Tape

Optional: LSZH Inner Sheath (Not Shown)

5 – Tinned-Copper or Bronze Braided Armour

6 – Protective LSZH Outer Sheath

Operating Temperature

-40˚C to +90˚C

Product Construction

Conductor:

- Stranded bare or tinned copper class 5 (standard) or class 2 (optional)

Insulation:

- Halogen Free HF90 Rated: +90°C Wet/Dry, IEC 60092-360

Armour:

- Tinned-Copper Braid (Standard)
- Bronze Braid (optional)

Jacket:

- FR LSZH Thermoplastic, IEC 60092-360 (SHF1)

Available in:

- Custom insulation/ jacket colours

Certification/ Compliances

Construction & Materials:

- IEC 60092-353
- IEC 60092-350
- IEC 60092-360 (Insulation & Sheath)
- IEC 60228 (Conductor)

Performance:

- IEC 60332-3-22, Cat. A (Flame Retardancy)
- IEC 60754-1 & 2, IEC 60684-2 (Halogen Free)
- IEC 61034-1 & 2 (Low Smoke Emission)
- IEC 60811-403 (Ozone Resistance)
- Cold Bend & Impact (-40°C/-35°C)

Approvals:

- American Bureau of Shipping (ABS)
- Lloyd's Register
- Transport Canada

600/ 1000 V

Voltage

Colour Coding

Custom colour coding available, inc.

- Per IEEE 1580 Table 23:

2C - Black, White

3C - Black, White, Red

4C - Black, White Red, Green

5C - Black, White, Red, Green, Orange

6C - Black, White, Red, Green, Orange, Blue

≥7C - Base color with tracers

Power and Control

SL-HFA 600/1000 V Armoured Multi-Conductor (LSZH), HF90/SHF1

NUMBER OF CONDUCTORS	X	SIZE OF CONDUCTORS	NOMINAL OD OVERALL CABLE	CABLE WEIGHT	AMPACITY	SHAWFLEX PART NUMBER
(c)		*(mm^2)*	*(in/mm)*	*(lbs/1000ft) / (kg/km)*	*(45°C ambient)*	
2c	x	1	0.4 / 9.3	106.12 / 157.92	16	SLC11E0102F0800
2c	x	1.5	0.4 / 10.2	123.99 / 184.51	20	SLC11E3A02F0800
2c	x	2.5	0.5 / 11.5	168.8 / 251.2	26	SLC11E5A02F0800
2c	x	4	0.5 / 12.5	202.7 / 301.66	34	SLC11E0402F0800
2c	x	6	0.6 / 14.3	257.76 / 383.59	44	SLC11E0602F0800
2c	x	10	0.6 / 15.8	332.91 / 495.42	61	SLC11E1002F0800
2c	x	16	0.8 / 19.3	479.6 / 713.72	82	SLC11E1602F0800
2c	x	25	0.9 / 22.9	672.78 / 1001.2	108	SLC11E2502F0800
2c	x	35	1 / 25.7	850.04 / 1265	133	SLC11E3502F0800
2c	x	50	1.1 / 28.7	1121.9 / 1669.56	167	SLC11E5002F0800
3c	x	1	0.4 / 9.7	117.85 / 175.38	12	SLC11E0103F0800
3c	x	1.5	0.4 / 10.7	139.86 / 208.14	16	SLC11E3A03F0800
3c	x	2.5	0.5 / 12	192.08 / 285.84	21	SLC11E5A03F0800
3c	x	4	0.5 / 13.4	245.47 / 365.3	28	SLC11E0403F0800
3c	x	6	0.6 / 15.1	307.67 / 457.87	36	SLC11E0603F0800
3c	x	10	0.7 / 16.9	415.9 / 618.93	50	SLC11E1003F0800
3c	x	16	0.8 / 20.6	611.16 / 909.51	67	SLC11E1603F0800
3c	x	25	1 / 24.4	863.89 / 1285.6	89	SLC11E2503F0800
3c	x	35	1.1 / 27.4	1110.01 / 1651.87	110	SLC11E3503F0800
3c	x	50	1.2 / 30.7	1473.14 / 2192.27	137	SLC11E5003F0800
4c	x	1	0.4 / 10.4	131.73 / 196.03	12	SLC11E0104F0800
4c	x	1.5	0.5 / 11.9	179.94 / 267.78	16	SLC11E3A04F0800
4c	x	2.5	0.5 / 13.2	230.61 / 343.18	21	SLC11E5A04F0800
4c	x	4	0.6 / 14.4	285.69 / 425.15	28	SLC11E0404F0800
4c	x	6	0.7 / 16.5	375.97 / 559.51	36	SLC11E0604F0800
4c	x	10	0.7 / 18.3	502.33 / 747.55	50	SLC11E1004F0800
4c	x	16	0.9 / 22.5	745.45 / 1109.35	67	SLC11E1604F0800
4c	x	25	1.1 / 27	1084.46 / 1613.86	89	SLC11E2504F0800
5c	x	1	0.5 / 11.9	176.27 / 262.32	9.6	SLC11E0105F0800
5c	x	1.5	0.5 / 13	211.55 / 314.82	12.8	SLC11E3A05F0800
5c	x	2.5	0.6 / 14.2	265.07 / 394.47	16.8	SLC11E5A05F0800
5c	x	4	0.6 / 15.6	332.2 / 494.37	22.4	SLC11E0405F0800
5c	x	6	0.7 / 17.9	434.39 / 646.44	28.8	SLC11E0605F0800
5c	x	10	0.8 / 20.2	605.19 / 900.62	40	SLC11E1005F0800
5c	x	16	1 / 24.7	904.86 / 1346.58	53.6	SLC11E1605F0800
5c	x	25	1.2 / 29.4	1304.14 / 1940.78	71.2	SLC11E2505F0800
7c	x	1	0.5 / 13	210.31 / 312.97	8.4	SLC11E0107F0800
7c	x	1.5	0.5 / 13.9	246.37 / 366.64	11.2	SLC11E3A07F0800
7c	x	2.5	0.6 / 15.2	309.47 / 460.54	14.7	SLC11E5A07F0800

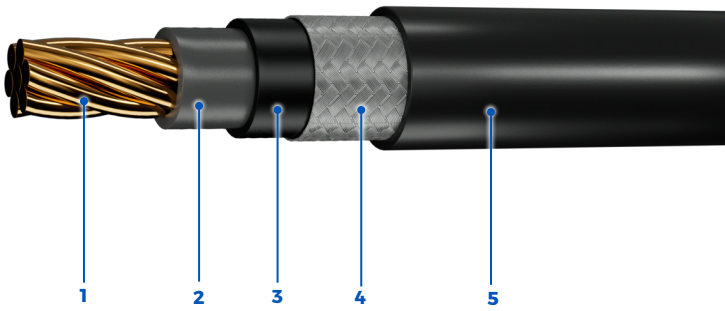
SL-HFA 600/1000 V Armoured Multi-Conductor (LSZH), HF90/SHF1

NUMBER OF CONDUCTORS	X	SIZE OF CONDUCTORS	NOMINAL OD OVERALL CABLE	CABLE WEIGHT	AMPACITY	SHAWFLEX PART NUMBER
(c)		*(mm^2)*	*(in/mm)*	*(lbs/1000ft) / (kg/km)*	*(45°C ambient)*	
10c	x	1	0.6 / 15.7	275.9 / 410.58	8.4	SLC11E0110F0800
10c	x	1.5	0.7 / 17.2	336.87 / 501.31	11.2	SLC11E3A10F0800
10c	x	2.5	0.7 / 18.9	426.03 / 634	14.7	SLC11E5A10F0800
12c	x	1	0.6 / 16.1	297.59 / 442.87	8.4	SLC11E0112F0800
12c	x	1.5	0.7 / 17.7	366.41 / 545.28	11.2	SLC11E3A12F0800
12c	x	2.5	0.8 / 19.5	468.59 / 697.34	14.7	SLC11E5A12F0800
14c	x	1	0.7 / 17.1	331.1 / 492.72	8.4	SLC11E0114F0800
14c	x	1.5	0.7 / 18.5	398.38 / 592.85	11.2	SLC11E3A14F0800
14c	x	2.5	0.8 / 20.6	531.16 / 790.45	14.7	SLC11E5A14F0800
19c	x	1	0.7 / 18.7	396.51 / 590.07	8.4	SLC11E0119F0800
19c	x	1.5	0.8 / 20.5	495.55 / 737.47	11.2	SLC11E3A19F0800
19c	x	2.5	0.9 / 22.7	649.26 / 966.21	14.7	SLC11E5A19F0800
24c	x	1	0.9 / 21.7	498.8 / 742.29	8.4	SLC11E0124F0800
24c	x	1.5	0.9 / 23.8	624.34 / 929.12	11.2	SLC11E3A24F0800
24c	x	2.5	1 / 26.4	821.64 / 1222.73	14.7	SLC11E5A24F0800
27c	x	1	0.9 / 22.1	530.12 / 788.91	7.2	SLC11E0127F0800
27c	x	1.5	1 / 24.3	667.28 / 993.01	9.6	SLC11E3A27F0800
27c	x	2.5	1.1 / 27.2	899.87 / 1339.16	12.6	SLC11E5A27F0800
37c	x	1	1 / 24.7	662.85 / 986.42	7.2	SLC11E0137F0800
37c	x	1.5	1.1 / 27.1	841.6 / 1252.43	9.6	SLC11E3A37F0800
37c	x	2.5	1.2 / 30.4	1149.02 / 1709.93	12.6	SLC11E5A37F0800

*Ampacity value based on ABS Rules for Building and Classing Steel Vessels, Version 2023, Table-6. Values are corrected according to Table 6 for number of Conductors.
**Available in both American Wire Gauge (AWG) and Metric wire conductor sizes

SL-HFA 600/1000 V Armoured Single Conductor (LSZH), HF90/SHF1

SL-HFA 600/1000 V armoured single core cables are suitable for use in offshore oil and gas, shipboard and marine applications. Our cables are made to IEC specifications and can be modified to fit your specific requirements.



1 – Stranded Bare or Tinned Class 2 or Class 5 Copper Conductors

2 – Halogen Free HF90 Insulated Conductors

3 – Extruded LSZH Inner Covering

4 – Tinned-Copper or Bronze Braided Armour

5 – Protective LSZH Outer Sheath

Standards:

RoHS · ABS Type Approved Product · LR · Transport Canada

Operating Temperature

-40˚C to +90˚C

Product Construction

Conductor:

- Stranded bare or tinned copper class 5 (standard) or class 2 (optional)

Insulation:

- Halogen Free HF90 Rated: +90°C Wet/Dry, IEC 60092-360

Armour:

- Tinned-Copper Braid (Standard)
- Bronze Braid (optional)

Jacket:

- FR LSZH Thermoplastic, IEC 60092-360 (SHF1)

Available in:

- Custom insulation/ jacket colours

Certification/ Compliances

Construction & Materials:

- IEC 60092-353
- IEC 60092-350
- IEC 60092-360 (Insulation & Sheath)
- IEC 60228 (Conductor)

Performance:

- IEC 60332-1-2 (Flame Retardancy)
- IEC 60754-1 & 2, IEC 60684-2 (Halogen Free)
- IEC 61034-1 & 2 (Low Smoke Emission)
- IEC 60811-403 (Ozone Resistance)
- Cold Bend & Impact (-40°C/-35°C)

Approvals:

- American Bureau of Shipping (ABS)
- Lloyd's Register
- Transport Canada

600/ 1000 V

Voltage

Colour Coding

- Black conductor (standard)

Power and Control

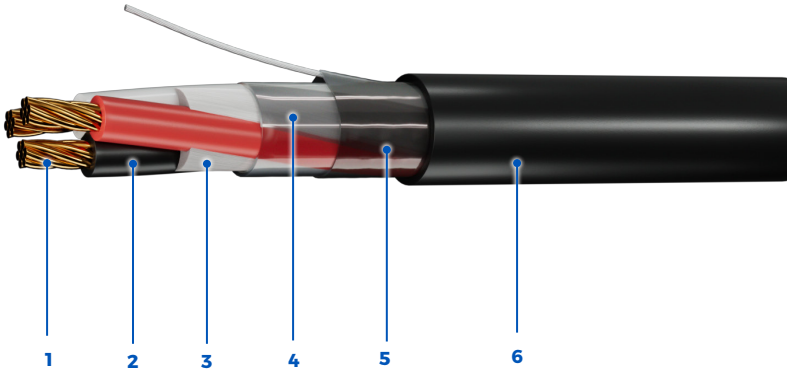
SL-HFA 600/1000 V Armoured Single Conductor (LSZH), HF90/SHF1

NUMBER OF CONDUCTORS	X	SIZE OF CONDUCTORS	NOMINAL OD OVERALL CABLE	CABLE WEIGHT	AMPACITY	SHAWFLEX PART NUMBER
(c)		*(mm^2)*	*(in/mm)*	*(lbs/1000ft) / (kg/km)*	*(45°C ambient)*	
1c	x	1	0.2 / 6.1	53.7 / 79.91	18	SLC10E0101F0800
1c	x	1.5	0.3 / 6.4	60.04 / 89.35	23	SLC10E3A01F0800
1c	x	2.5	0.3 / 6.8	70.52 / 104.95	30	SLC10E5A01F0800
1c	x	4	0.3 / 7.4	84.87 / 126.29	40	SLC10E0401F0800
1c	x	6	0.3 / 8.1	104.83 / 156	52	SLC10E0601F0800
1c	x	10	0.4 / 9.1	141.84 / 211.09	72	SLC10E1001F0800
1c	x	16	0.4 / 10.6	197.49 / 293.89	96	SLC10E1601F0800
1c	x	25	0.5 / 12.6	296.8 / 441.69	127	SLC10E2501F0800
1c	x	35	0.6 / 14.1	377.02 / 561.07	157	SLC10E3501F0800
1c	x	50	0.6 / 15.5	488.74 / 727.33	196	SLC10E5001F0800
1c	x	70	0.7 / 18.1	647.82 / 964.06	242	SLC10E7001F0800
1c	x	120	0.9 / 21.9	999.91 / 1488.04	339	SLC10E12001F0800

*Ampacity value based on ABS Rules for Building and Classing Steel Vessels, Version 2023, Table-6. Values are corrected according to Table 6 for number of Conductors.
**Available in both American Wire Gauge (AWG) and Metric wire conductor sizes

SF-XL 150/250 V Unarmoured Multi-Conductor (LSZH), XLPE/SHF1

SF-XL 150/250 V unarmoured multicore cables are suitable for use in offshore oil and gas, shipboard and marine applications. Our cables are made to IEC specifications and can be modified to fit your specific requirements.



1 – Stranded Bare or Tinned Class 2 or Class 5 Copper Conductors

2 – XLPE Insulated Conductors

3 – Polypropylene Fillers

4 – Fiberglass Tape

5 – Overall Aluminum/Mylar Shield with Tinned Copper Drain Wire

6 – Protective LSZH Outer Sheath

Standards:

RoHS

ABS TYPE APPROVED PRODUCT

Transport Canada

Operating Temperature

-40˚C to +90˚C

Product Construction

Conductor:

- Stranded bare or tinned copper class 5 (standard) or class 2 (optional)

Insulation:

- XLPE Rated: +90°C Wet/Dry, IEC 60092-360

Shielding:

- Aluminum/mylar foil shield with tinned copper drain wire (standard)

Jacket:

- FR LSZH Thermoplastic, IEC 60092-360 (SHF1)

Available in:

- Custom insulation/jacket colours

Certification/ Compliances

Construction & Materials:

- IEC 60092-376
- IEC 60092-350
- IEC 60092-360 (Insulation & Sheath)
- IEC 60228 (Conductor)

Performance:

- IEC 60332-3-22, Cat. A (Flame Retardancy)
- IEC 60754-1 & 2, IEC 60684-2 (Halogen Free)
- IEC 61034-1 & 2 (Low Smoke Emission)
- Cold Bend & Impact (-40°C/-35°C)

Approvals:

- American Bureau of Shipping (ABS)
- Lloyd's Register
- Transport Canada

150/250 V

Voltage

Colour Coding

Custom colour coding available, inc.

- Per IEEE 1580 Table 23:

2C - Black, White

3C - Black, White, Red

4C - Black, White Red, Green

5C - Black, White, Red, Green, Orange

6C - Black, White, Red, Green, Orange, Blue

≥7C - Base color with tracers

Control and Instrumentation

SF-XL 150/250 V Unarmoured Multi-Conductor (LSZH), XLPE/SHF1

NUMBER OF CONDUCTORS	X	SIZE OF CONDUCTORS	NOMINAL OD OVERALL CABLE	CABLE WEIGHT	AMPACITY	SHAWFLEX PART NUMBER
(c)		*(mm^2)*	*(in/mm)*	*(lbs/1000ft) / (kg/km)*	*(45°C ambient)*	
2c	x	0.5	0.2 / 6.1	39.16 / 58.27	14	SF011E1A02F0800
2c	x	1	0.3 / 7.2	53 / 78.87	16	SF011E0102F0800
2c	x	1.5	0.3 / 8.8	75.78 / 112.77	20	SF011E3A02F0800
2c	x	2.5	0.4 / 9.7	94.14 / 140.09	26	SF011E5A02F0800
3c	x	0.5	0.3 / 6.4	44.9 / 66.81	9	SF011E1A03F0800
3c	x	1	0.3 / 7.6	60.18 / 89.55	12	SF011E0103F0800
3c	x	1.5	0.4 / 9.2	88.71 / 132.01	16	SF011E3A03F0800
3c	x	2.5	0.4 / 10.2	112.98 / 168.13	21	SF011E5A03F0800
4c	x	0.5	0.3 / 6.9	51.56 / 76.73	9	SF011E1A04F0800
4c	x	1	0.3 / 8.5	75.11 / 111.77	12	SF011E0104F0800
4c	x	1.5	0.4 / 10	101.15 / 150.53	16	SF011E3A04F0800
4c	x	2.5	0.4 / 11	136.68 / 203.4	21	SF011E5A04F0800
5c	x	0.5	0.3 / 7.6	61.82 / 92	7.2	SF011E1A05F0800
5c	x	1	0.4 / 9.4	91.1 / 135.57	9.6	SF011E0105F0800
5c	x	1.5	0.4 / 10.8	118.25 / 175.97	12.8	SF011E3A05F0800
5c	x	2.5	0.5 / 12.2	163.03 / 242.61	16.8	SF011E5A05F0800
7c	x	0.5	0.3 / 8.4	77.83 / 115.83	6.3	SF011E1A07F0800
7c	x	1	0.4 / 10.1	109.18 / 162.48	8.4	SF011E0107F0800
7c	x	1.5	0.5 / 11.9	151.27 / 225.12	11.2	SF011E3A07F0800
7c	x	2.5	0.5 / 13.2	204.34 / 304.09	14.7	SF011E5A07F0800
10c	x	0.5	0.4 / 10.2	100.29 / 149.25	6.3	SF011E1A10F0800
10c	x	1	0.5 / 12.7	153.7 / 228.73	8.4	SF011E0110F0800
10c	x	1.5	0.6 / 14.7	208.14 / 309.74	11.2	SF011E3A10F0800
10c	x	2.5	0.7 / 16.7	292.87 / 435.84	14.7	SF011E5A10F0800
12c	x	0.5	0.4 / 10.5	110.85 / 164.97	6.3	SF011E1A12F0800
12c	x	1	0.5 / 13.1	169.16 / 251.74	8.4	SF011E0112F0800
12c	x	1.5	0.6 / 15.4	241.16 / 358.89	11.2	SF011E3A12F0800
12c	x	2.5	0.7 / 17.2	330.38 / 491.67	14.7	SF011E5A12F0800
14c	x	0.5	0.4 / 10.9	122.58 / 182.41	6.3	SF011E1A14F0800
14c	x	1	0.5 / 13.7	188.39 / 280.35	8.4	SF011E0114F0800
14c	x	1.5	0.6 / 16.2	266.31 / 396.31	11.2	SF011E3A14F0800
14c	x	2.5	0.7 / 18.1	373.36 / 555.62	14.7	SF011E5A14F0800
19c	x	0.5	0.5 / 12.2	157.37 / 234.19	6.3	SF011E1A19F0800
19c	x	1	0.6 / 15.3	243.63 / 362.57	8.4	SF011E0119F0800
19c	x	1.5	0.7 / 17.8	335.94 / 499.94	11.2	SF011E3A19F0800
19c	x	2.5	0.8 / 20.2	483.37 / 719.33	14.7	SF011E5A19F0800

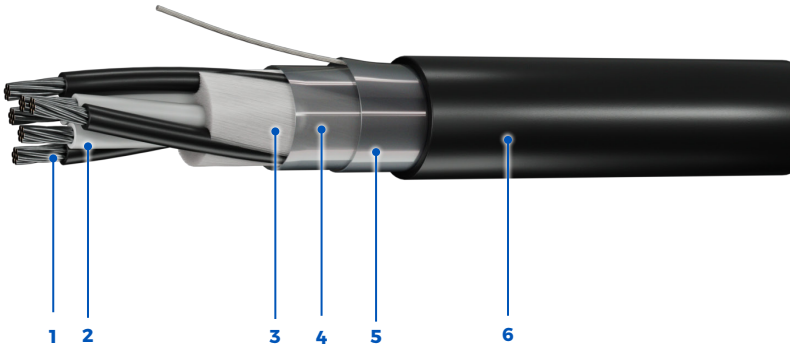
SF-XL 150/250 V Unarmoured Multi-Conductor (LSZH), XLPE/SHF1

NUMBER OF CONDUCTORS	X	SIZE OF CONDUCTORS	NOMINAL OD OVERALL CABLE	CABLE WEIGHT	AMPACITY	SHAWFLEX PART NUMBER
(c)		*(mm^2)*	*(in/mm)*	*(lbs/1000ft) / (kg/km)*	*(45°C ambient)*	
24c	x	0.5	0.6 / 14	194.02 / 288.73	6.3	SF011E1A24F0800
24c	x	1	0.7 / 17.6	304.66 / 453.39	8.4	SF011E0124F0800
24c	x	1.5	0.8 / 20.9	435.44 / 648	11.2	SF011E3A24F0800
24c	x	2.5	0.9 / 23.8	624.89 / 929.94	14.7	SF011E5A24F0800
27c	x	0.5	0.6 / 14.3	209.48 / 311.74	5.4	SF011E1A27F0800
27c	x	1	0.7 / 18	328.4 / 488.71	7.2	SF011E0127F0800
27c	x	1.5	0.8 / 21.4	473.05 / 703.97	9.6	SF011E3A27F0800
27c	x	2.5	1 / 24.3	681.98 / 1014.89	12.6	SF011E5A27F0800
37c	x	0.5	0.6 / 16.1	273.46 / 406.95	5.4	SF011E1A37F0800
37c	x	1	0.8 / 20.2	431.21 / 641.71	7.2	SF011E0137F0800
37c	x	1.5	0.9 / 24	619.15 / 921.39	9.6	SF011E3A37F0800
37c	x	2.5	1.1 / 27.3	899.02 / 1337.89	12.6	SF011E5A37F0800

*Ampacity value based on ABS Rules for Building and Classing Steel Vessels, Version 2023, Table-6. Values are corrected according to Table 6 for number of Conductors.
**Available in both American Wire Gauge (AWG) and Metric wire conductor sizes

SF-XL (C) 150/250 V Unarmoured Overall Screened Pairs & Triads (LSZH), XLPE/SHF1

SF-XL (C) 150/250 V unarmoured overall screened pair & triad cables are suitable for use in offshore oil and gas, shipboard and marine applications. Our cables are made to IEC specifications and can be modified to fit your specific requirements.



1 – Stranded Bare or Tinned Class 2 or Class 5 Copper Conductors

2 – XLPE Insulated Conductors

3 – Polypropylene Fillers

4 – Fiberglass Tape

5 – Overall Aluminum/Mylar Shield with Tinned Copper Drain Wire

6 – Protective LSZH Outer Sheath

Standards:

RoHS · ABS Type Approved Product · LR · Transport Canada

Operating Temperature

-40˚C to +90˚C

Product Construction

Conductor:

- Stranded bare or tinned copper class 5 (standard) or class 2 (optional)

Insulation:

- XLPE Rated: +90°C Wet/Dry, IEC 60092-360

Shielding:

- Aluminum/mylar foil shield with tinned copper drain wire (standard)
- Copper Tape Shield (optional)

Jacket:

- FR LSZH Thermoplastic, IEC 60092-360 (SHF1)

Available in:

- Custom insulation/jacket colours

Certification/ Compliances

Construction & Materials:

- IEC 60092-376
- IEC 60092-350
- IEC 60092-360 (Insulation & Sheath)
- IEC 60228 (Conductor)

Performance:

- IEC 60332-3-22, Cat. A (Flame Retardancy)
- IEC 60754-1 & 2, IEC 60684-2 (Halogen Free)
- IEC 61034-1 & 2 (Low Smoke Emission)
- Cold Bend & Impact (-40°C/-35°C)

Approvals:

- American Bureau of Shipping (ABS)
- Lloyd's Register
- Transport Canada

150/250 V

Voltage

Colour Coding

Custom colour coding available, inc.

- Per IEEE 1580 / IEC 60092-376, Annex A:

  Pairs - Black, White, # coded

  Triads - Black, White, Red, # coded

Control and Instrumentation

SF-XL (C) 150/250 V Unarmoured Overall Screened Pairs & Triads (LSZH), XLPE/SHF1

NUMBER OF CONDUCTORS	X	SIZE OF CONDUCTORS	NOMINAL OD OVERALL CABLE	CABLE WEIGHT	AMPACITY	SHAWFLEX PART NUMBER
(c)		*(mm^2)*	*(in/mm)*	*(lbs/1000ft) / (kg/km)*	*(45°C ambient)*	
1pr	x	0.5	0.3 / 6.4	41.02 / 61.04	14	SF021E1A01F0800
2pr	x	0.5	0.4 / 9.3	72.76 / 108.27	9	SF021E1A02F0800
4pr	x	0.5	0.4 / 10.6	97.74 / 145.46	6.3	SF021E1A04F0800
5pr	x	0.5	0.5 / 11.7	114.98 / 171.11	6.3	SF021E1A05F0800
7pr	x	0.5	0.5 / 12.6	137.6 / 204.77	6.3	SF021E1A07F0800
10pr	x	0.5	0.6 / 16	197.24 / 293.52	6.3	SF021E1A10F0800
12pr	x	0.5	0.6 / 16.4	217.13 / 323.13	6.3	SF021E1A12F0800
14pr	x	0.5	0.7 / 17.2	241.89 / 359.97	5.4	SF021E1A14F0800
19pr	x	0.5	0.8 / 19.3	305.9 / 455.23	5.4	SF021E1A19F0800
24pr	x	0.5	0.9 / 22.7	395.41 / 588.43	4.5	SF021E1A24F0800
1pr	x	0.75	0.3 / 7.2	50.84 / 75.66	15	SF021E1B01F0800
2pr	x	0.75	0.4 / 10.7	92.83 / 138.14	11	SF021E1B02F0800
4pr	x	0.75	0.5 / 12.5	133.87 / 199.22	7.7	SF021E1B04F0800
5pr	x	0.75	0.5 / 13.6	151.33 / 225.21	7.7	SF021E1B05F0800
7pr	x	0.75	0.6 / 14.8	183.95 / 273.74	7.7	SF021E1B07F0800
10pr	x	0.75	0.8 / 19.1	276.98 / 412.18	7.7	SF021E1B10F0800
12pr	x	0.75	0.8 / 19.6	307.17 / 457.11	7.7	SF021E1B12F0800
14pr	x	0.75	0.8 / 20.6	341.06 / 507.55	6.6	SF021E1B14F0800
19pr	x	0.75	0.9 / 23.1	433.56 / 645.21	6.6	SF021E1B19F0800
24pr	x	0.75	1.1 / 27.2	561.14 / 835.06	5.5	SF021E1B24F0800
1pr	x	1.5	0.3 / 8.8	73.43 / 109.28	20	SF021E3A01F0800
2pr	x	1.5	0.5 / 13.3	136.73 / 203.48	16	SF021E3A02F0800
4pr	x	1.5	0.6 / 15.6	202.8 / 301.79	11.2	SF021E3A04F0800
5pr	x	1.5	0.7 / 17	230.08 / 342.39	11.2	SF021E3A05F0800
7pr	x	1.5	0.7 / 18.7	293.73 / 437.11	11.2	SF021E3A07F0800
10pr	x	1.5	0.9 / 23.9	425.69 / 633.49	11.2	SF021E3A10F0800
12pr	x	1.5	1 / 24.7	472.7 / 703.46	11.2	SF021E3A12F0800
14pr	x	1.5	1 / 26.2	546.14 / 812.74	9.6	SF021E3A14F0800
19pr	x	1.5	1.2 / 29.4	695.03 / 1034.32	9.6	SF021E3A19F0800
24pr	x	1.5	1.4 / 34.6	895.59 / 1332.78	8	SF021E3A24F0800
1pr	x	2.5	0.4 / 9.7	90.94 / 135.33	26	SF021E5A01F0800
2pr	x	2.5	0.6 / 14.8	175.25 / 260.81	21	SF021E5A02F0800
4pr	x	2.5	0.7 / 17.4	270.06 / 401.89	14.7	SF021E5A04F0800
5pr	x	2.5	0.8 / 19.3	320.56 / 477.05	14.7	SF021E5A05F0800
7pr	x	2.5	0.8 / 21	401.7 / 597.79	14.7	SF021E5A07F0800
10pr	x	2.5	1.1 / 27.2	597.87 / 889.72	14.7	SF021E5A10F0800
12pr	x	2.5	1.1 / 28	670.68 / 998.07	14.7	SF021E5A12F0800
14pr	x	2.5	1.2 / 29.8	774.52 / 1152.62	12.6	SF021E5A14F0800
19pr	x	2.5	1.3 / 33.4	992.41 / 1476.87	12.6	SF021E5A19F0800
24pr	x	2.5	1.6 / 39.6	1300.16 / 1934.85	10.5	SF021E5A24F0800

SF-XL (C) 150/250 V Unarmoured Overall Screened Pairs & Triads (LSZH), XLPE/SHF1

NUMBER OF CONDUCTORS	X	SIZE OF CONDUCTORS	NOMINAL OD OVERALL CABLE	CABLE WEIGHT	AMPACITY	SHAWFLEX PART NUMBER
(c)		*(mm^2)*	*(in/mm)*	*(lbs/1000ft) / (kg/km)*	*(45°C ambient)*	
1tr	x	0.5	0.3 / 6.7	46.85 / 69.72	9	SF031E1A01F0800
2tr	x	0.5	0.4 / 10.1	87.11 / 129.64	7.2	SF031E1A02F0800
4tr	x	0.5	0.5 / 11.9	127.87 / 190.3	6.3	SF031E1A04F0800
5tr	x	0.5	0.5 / 12.9	145.72 / 216.86	6.3	SF031E1A05F0800
7tr	x	0.5	0.5 / 13.9	177.44 / 264.06	6.3	SF031E1A07F0800
10tr	x	0.5	0.7 / 17.7	255.17 / 379.74	5.4	SF031E1A10F0800
12tr	x	0.5	0.7 / 18.2	283.57 / 421.99	5.4	SF031E1A12F0800
14tr	x	0.5	0.8 / 19.4	328.58 / 488.98	5.4	SF031E1A14F0800
19tr	x	0.5	0.8 / 21.5	407.71 / 606.73	4.5	SF031E1A19F0800
24tr	x	0.5	1 / 25.3	527.25 / 784.63	4.5	SF031E1A24F0800
1tr	x	0.75	0.3 / 7.6	59.33 / 88.3	11	SF031E1B01F0800
2tr	x	0.75	0.5 / 12	120.9 / 179.92	8.8	SF031E1B02F0800
4tr	x	0.75	0.5 / 13.8	169.45 / 252.17	7.7	SF031E1B04F0800
5tr	x	0.75	0.6 / 15.3	203.26 / 302.48	7.7	SF031E1B05F0800
7tr	x	0.75	0.7 / 16.6	250.9 / 373.37	7.7	SF031E1B07F0800
10tr	x	0.75	0.8 / 21.2	363.57 / 541.05	6.6	SF031E1B10F0800
12tr	x	0.75	0.9 / 21.8	405.63 / 603.65	6.6	SF031E1B12F0800
14tr	x	0.75	0.9 / 23.2	466.65 / 694.46	6.6	SF031E1B14F0800
19tr	x	0.75	1 / 26	598.84 / 891.17	5.5	SF031E1B19F0800
24tr	x	0.75	1.2 / 30.6	774.18 / 1152.11	5.5	SF031E1B24F0800
1tr	x	1.5	0.4 / 9.2	87.44 / 130.13	16	SF031E3A01F0800
2tr	x	1.5	0.6 / 14.6	171.89 / 255.79	12.8	SF031E3A02F0800
4tr	x	1.5	0.7 / 17.2	263.86 / 392.67	11.2	SF031E3A04F0800
5tr	x	1.5	0.8 / 19.1	312.83 / 465.55	11.2	SF031E3A05F0800
7tr	x	1.5	0.8 / 20.8	391.14 / 582.08	11.2	SF031E3A07F0800
10tr	x	1.5	1.1 / 26.9	582.35 / 866.63	9.6	SF031E3A10F0800
12tr	x	1.5	1.1 / 27.8	653.42 / 972.4	9.6	SF031E3A12F0800
14tr	x	1.5	1.2 / 29.5	754.07 / 1122.18	9.6	SF031E3A14F0800
19tr	x	1.5	1.3 / 33.1	965.63 / 1437.01	8	SF031E3A19F0800
24tr	x	1.5	1.5 / 39	1244.61 / 1852.18	8	SF031E3A24F0800
1tr	x	2.5	0.4 / 10.2	111.71 / 166.24	21	SF031E5A01F0800
2tr	x	2.5	0.7 / 16.6	234.86 / 349.51	16.8	SF031E5A02F0800
4tr	x	2.5	0.8 / 19.5	371.25 / 552.48	14.7	SF031E5A04F0800
5tr	x	2.5	0.8 / 21.4	429.66 / 639.4	14.7	SF031E5A05F0800
7tr	x	2.5	0.9 / 23.6	559.54 / 832.69	14.7	SF031E5A07F0800
10tr	x	2.5	1.2 / 30.6	828.29 / 1232.64	12.6	SF031E5A10F0800
12tr	x	2.5	1.2 / 31.6	936.31 / 1393.37	12.6	SF031E5A12F0800
14tr	x	2.5	1.3 / 33.5	1080.99 / 1608.69	12.6	SF031E5A14F0800
19tr	x	2.5	1.5 / 37.6	1396.69 / 2078.51	10.5	SF031E5A19F0800
24tr	x	2.5	1.8 / 44.6	1823.32 / 2713.4	10.5	SF031E5A24F0800

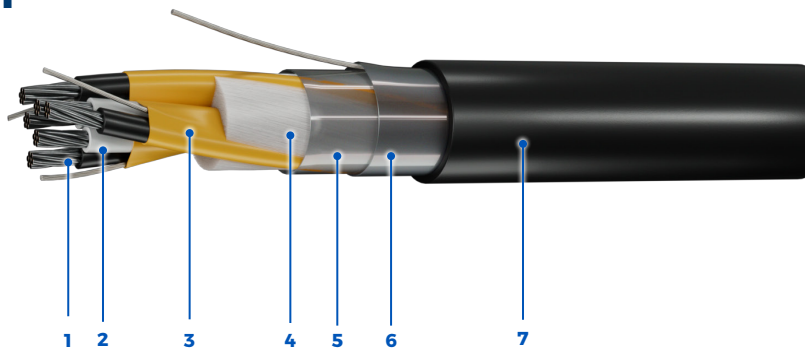
*Ampacity value based on ABS Rules for Building and Classing Steel Vessels, Version 2023, Table-6. Values are corrected according to Table 6 for number of Conductors.
**Available in both American Wire Gauge (AWG) and Metric wire conductor sizes

SF-XL (I) 150/250 V Unarmoured Individually and Overall Screened Pairs & Triads (LSZH), XLPE/SHF1

SF-XL (I) 150/250 V unarmoured individually and overall screened pair & triad cables are suitable for use in offshore oil and gas, shipboard and marine applications. Our cables are made to IEC specifications and can be modified to fit your specific requirements.

Standards:

RoHS ABS TYPE APPROVED PRODUCT LR Transport Canada



1 – Stranded Bare or Tinned Class 2 or Class 5 Copper Conductors

2 – XLPE Insulated Conductors

3 – Individual Aluminum/Mylar Shield with Tinned Copper Drain Wire

4 – Polypropylene Fillers

4 – Fiberglass Tape

5 – Overall Aluminum/Mylar Shield with Tinned Copper Drain Wire

6 – Protective LSZH Outer Sheath

Operating Temperature

-40˚C to +90˚C

Product Construction

Conductor:

- Stranded bare or tinned copper class 5 (standard) or class 2 (optional)

Insulation:

- XLPE Rated: +90°C Wet/Dry, IEC 60092-360

Shielding:

- Aluminum/mylar foil shield with tinned copper drain wire (standard), available for both individual and overall shields
- Copper Tape Shield (optional)

Jacket:

- FR LSZH Thermoplastic, IEC 60092-360 (SHF1)

Available in:

- Custom insulation/jacket colours

Certification/ Compliances

Construction & Materials:

- IEC 60092-376
- IEC 60092-350
- IEC 60092-360 (Insulation & Sheath)
- IEC 60228 (Conductor)

Performance:

- IEC 60332-3-22, Cat. A (Flame Retardancy)
- IEC 60754-1 & 2, IEC 60684-2 (Halogen Free)
- IEC 61034-1 & 2 (Low Smoke Emission)
- Cold Bend & Impact (-40°C/-35°C)

Approvals:

- American Bureau of Shipping (ABS)
- Lloyd's Register
- Transport Canada

150/250 V

Voltage

Colour Coding

Custom colour coding available, inc.

- Per IEEE 1580 / IEC 60092-376, Annex A:

  Pairs - Black, White, # coded

  Triads - Black, White, Red, # coded

Control and Instrumentation

SF-XL (I) 150/250 V Unarmoured Individually and Overall Screened Pairs & Triads (LSZH), XLPE/SHF1

NUMBER OF CONDUCTORS	X	SIZE OF CONDUCTORS	NOMINAL OD OVERALL CABLE	CABLE WEIGHT	AMPACITY	SHAWFLEX PART NUMBER
(c)		*(mm^2)*	*(in/mm)*	*(lbs/1000ft) / (kg/km)*	*(45°C ambient)*	
2pr	x	0.5	0.4 / 9.6	81.2 / 120.83	9	SF022E1A02F0800
4pr	x	0.5	0.4 / 11	111.51 / 165.94	6.3	SF022E1A04F0800
5pr	x	0.5	0.5 / 12.2	132.92 / 197.8	6.3	SF022E1A05F0800
7pr	x	0.5	0.5 / 13.2	160.88 / 239.41	6.3	SF022E1A07F0800
10pr	x	0.5	0.7 / 16.7	231.72 / 344.84	6.3	SF022E1A10F0800
12pr	x	0.5	0.7 / 17.2	256.97 / 382.41	6.3	SF022E1A12F0800
14pr	x	0.5	0.7 / 18.1	287.76 / 428.24	5.4	SF022E1A14F0800
19pr	x	0.5	0.8 / 20.3	367.36 / 546.69	5.4	SF022E1A19F0800
24pr	x	0.5	0.9 / 23.9	476.04 / 708.43	4.5	SF022E1A24F0800
2pr	x	0.75	0.4 / 11.1	103.55 / 154.09	11	SF022E1B02F0800
4pr	x	0.75	0.5 / 13	154 / 229.17	7.7	SF022E1B04F0800
5pr	x	0.75	0.6 / 14.2	176.65 / 262.89	7.7	SF022E1B05F0800
7pr	x	0.75	0.6 / 15.6	226.14 / 336.54	7.7	SF022E1B07F0800
10pr	x	0.75	0.8 / 19.9	326.32 / 485.62	7.7	SF022E1B10F0800
12pr	x	0.75	0.8 / 20.5	366.04 / 544.73	7.7	SF022E1B12F0800
14pr	x	0.75	0.8 / 21.6	408.91 / 608.52	6.6	SF022E1B14F0800
19pr	x	0.75	1 / 24.2	524.47 / 780.5	6.6	SF022E1B19F0800
24pr	x	0.75	1.1 / 28.5	679.28 / 1010.88	5.5	SF022E1B24F0800
2pr	x	1.5	0.5 / 13.7	155.22 / 230.99	16	SF022E3A02F0800
4pr	x	1.5	0.6 / 16.1	236.59 / 352.08	11.2	SF022E3A04F0800
5pr	x	1.5	0.7 / 17.6	269.56 / 401.15	11.2	SF022E3A05F0800
7pr	x	1.5	0.8 / 19.4	346.7 / 515.95	11.2	SF022E3A07F0800
10pr	x	1.5	1 / 24.9	503.83 / 749.78	11.2	SF022E3A10F0800
12pr	x	1.5	1 / 26	581.53 / 865.41	11.2	SF022E3A12F0800
14pr	x	1.5	1.1 / 27.3	655.25 / 975.11	9.6	SF022E3A14F0800
19pr	x	1.5	1.2 / 30.7	837.15 / 1245.82	9.6	SF022E3A19F0800
24pr	x	1.5	1.4 / 36.4	1102.49 / 1640.69	8	SF022E3A24F0800
2pr	x	2.5	0.6 / 15.5	202.76 / 301.73	21	SF022E5A02F0800
4pr	x	2.5	0.7 / 18	306.47 / 456.08	14.7	SF022E5A04F0800
5pr	x	2.5	0.8 / 20	361.61 / 538.13	14.7	SF022E5A05F0800
7pr	x	2.5	0.9 / 21.8	455.84 / 678.36	14.7	SF022E5A07F0800
10pr	x	2.5	1.1 / 28.3	677.16 / 1007.72	14.7	SF022E5A10F0800
12pr	x	2.5	1.2 / 29.4	784.36 / 1167.25	14.7	SF022E5A12F0800
14pr	x	2.5	1.2 / 31	887.65 / 1320.97	12.6	SF022E5A14F0800
19pr	x	2.5	1.4 / 34.8	1135.89 / 1690.39	12.6	SF022E5A19F0800
24pr	x	2.5	1.6 / 41.3	1491.77 / 2219.99	10.5	SF022E5A24F0800
2tr	x	0.5	0.4 / 10.6	97.45 / 145.02	7.2	SF032E1A02F0800
4tr	x	0.5	0.5 / 12.4	143.75 / 213.92	6.3	SF032E1A04F0800
5tr	x	0.5	0.5 / 13.5	163.89 / 243.9	6.3	SF032E1A05F0800
7tr	x	0.5	0.6 / 14.6	201.83 / 300.36	6.3	SF032E1A07F0800

SF-XL (I) 150/250 V Unarmoured Individually and Overall Screened Pairs & Triads (LSZH), XLPE/SHF1

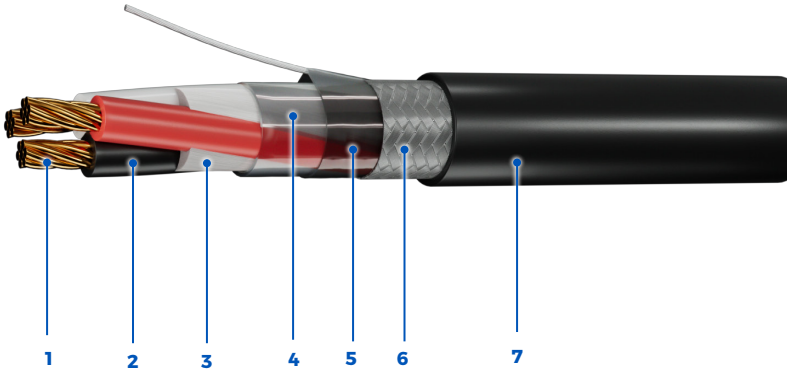
NUMBER OF CONDUCTORS	X	SIZE OF CONDUCTORS	NOMINAL OD OVERALL CABLE	CABLE WEIGHT	AMPACITY	SHAWFLEX PART NUMBER
(c)		*(mm^2)*	*(in/mm)*	*(lbs/1000ft) / (kg/km)*	*(45°C ambient)*	
10tr	x	0.5	0.7 / 18.9	302.7 / 450.46	5.4	SF032E1A10F0800
12tr	x	0.5	0.8 / 19.5	338.87 / 504.29	5.4	SF032E1A12F0800
14tr	x	0.5	0.8 / 20.5	377.98 / 562.5	5.4	SF032E1A14F0800
19tr	x	0.5	0.9 / 23	483.59 / 719.66	4.5	SF032E1A19F0800
24tr	x	0.5	1.1 / 27	626.6 / 932.48	4.5	SF032E1A24F0800
2tr	x	0.75	0.5 / 12.5	132.82 / 197.65	8.8	SF032E1B02F0800
4tr	x	0.75	0.6 / 14.4	194.94 / 290.1	7.7	SF032E1B04F0800
5tr	x	0.75	0.6 / 16	230.83 / 343.52	7.7	SF032E1B05F0800
7tr	x	0.75	0.7 / 17.4	286.67 / 426.62	7.7	SF032E1B07F0800
10tr	x	0.75	0.9 / 22.5	427.11 / 635.61	6.6	SF032E1B10F0800
12tr	x	0.75	0.9 / 23.2	480.67 / 715.31	6.6	SF032E1B12F0800
14tr	x	0.75	1 / 24.5	542.09 / 806.72	6.6	SF032E1B14F0800
19tr	x	0.75	1.1 / 27.4	693.67 / 1032.29	5.5	SF032E1B19F0800
24tr	x	0.75	1.3 / 32.6	915.15 / 1361.89	5.5	SF032E1B24F0800
2tr	x	1.5	0.6 / 15.5	199.79 / 297.33	12.8	SF032E3A02F0800
4tr	x	1.5	0.7 / 18	300.87 / 447.75	11.2	SF032E3A04F0800
5tr	x	1.5	0.8 / 19.9	354.78 / 527.96	11.2	SF032E3A05F0800
7tr	x	1.5	0.9 / 21.8	446.53 / 664.5	11.2	SF032E3A07F0800
10tr	x	1.5	1.1 / 28.3	664.51 / 988.89	9.6	SF032E3A10F0800
12tr	x	1.5	1.2 / 29.4	769.27 / 1144.8	9.6	SF032E3A12F0800
14tr	x	1.5	1.2 / 31	870.24 / 1295.05	9.6	SF032E3A14F0800
19tr	x	1.5	1.4 / 34.8	1112.74 / 1655.94	8	SF032E3A19F0800
24tr	x	1.5	1.6 / 41.3	1463.52 / 2177.96	8	SF032E3A24F0800
2tr	x	2.5	0.7 / 17.3	257.39 / 383.04	16.8	SF032E5A02F0800
4tr	x	2.5	0.8 / 20.4	408.62 / 608.1	14.7	SF032E5A04F0800
5tr	x	2.5	0.9 / 22.6	482.55 / 718.11	14.7	SF032E5A05F0800
7tr	x	2.5	1 / 24.7	614.26 / 914.12	14.7	SF032E5A07F0800
10tr	x	2.5	1.3 / 32.1	910.18 / 1354.5	12.6	SF032E5A10F0800
12tr	x	2.5	1.3 / 33.4	1051.78 / 1565.22	12.6	SF032E5A12F0800
14tr	x	2.5	1.4 / 35.2	1195.15 / 1778.58	12.6	SF032E5A14F0800
19tr	x	2.5	1.6 / 39.7	1560.79 / 2322.7	10.5	SF032E5A19F0800
24tr	x	2.5	1.9 / 47.2	2043.53 / 3041.11	10.5	SF032E5A24F0800

*Ampacity value based on ABS Rules for Building and Classing Steel Vessels, Version 2023, Table-6. Values are corrected according to Table 6 for number of Conductors.
**Available in both American Wire Gauge (AWG) and Metric wire conductor sizes

SF-XLA 150/250 V Armoured Multi-Conductor (LSZH), XLPE/SHF1

SF-XLA 150/250 V armoured multicore cables are suitable for use in offshore oil and gas, shipboard and marine applications. Our cables are made to IEC specifications and can be modified to fit your specific requirements.

Standards:



1 – Stranded Bare or Tinned Class 2 or Class 5 Copper Conductors

2 – XLPE Insulated Conductors

3 – Polypropylene Fillers

4 – Fiberglass Tape

5 – Overall Aluminum/Mylar Shield with Tinned Copper Drain Wire.

Optional: LSZH Inner Sheath (Not Shown)

6 – Tinned-Copper or Bronze Braided Armour

7 – Protective LSZH Outer Sheath

Operating Temperature

-40˚C to +90˚C

Product Construction

Conductor:

- Stranded bare or tinned copper class 5 (standard) or class 2 (optional)

Insulation:

- XLPE Rated: +90°C Wet/Dry, IEC 60092-360

Shielding:

- Aluminum/mylar foil shield with tinned copper drain wire (standard)

Armour:

- Tinned-Copper Braid (optional)
- Bronze Braid (optional)

Jacket:

- FR LSZH Thermoplastic, IEC 60092-360 (SHF1)

Available in:

- Custom insulation/jacket colours

Certification/ Compliances

Construction & Materials:

- IEC 60092-376
- IEC 60092-350
- IEC 60092-360 (Insulation & Sheath)
- IEC 60228 (Conductor)

Performance:

- IEC 60332-3-22, Cat. A (Flame Retardancy)
- IEC 60754-1 & 2, IEC 60684-2 (Halogen Free)
- IEC 61034-1 & 2 (Low Smoke Emission)
- Cold Bend & Impact (-40°C/-35°C)

Approvals:

- American Bureau of Shipping (ABS)
- Lloyd's Register
- Transport Canada

150/250 V

Voltage

Colour Coding

Custom colour coding available, inc.

- Per IEEE 1580 Table 23:

2C - Black, White

3C - Black, White, Red

4C - Black, White Red, Green

5C - Black, White, Red, Green, Orange

6C - Black, White, Red, Green, Orange, Blue

≥7C - Base color with tracers

Control and Instrumentation

SF-XLA 150/250 V Armoured Multi-Conductor (LSZH), XLPE/SHF1

NUMBER OF CONDUCTORS	X	SIZE OF CONDUCTORS	NOMINAL OD OVERALL CABLE	CABLE WEIGHT	AMPACITY	SHAWFLEX PART NUMBER
(c)		*(mm^2)*	*(in/mm)*	*(lbs/1000ft) / (kg/km)*	*(45°C ambient)*	
2c	x	0.5	0.3 / 7.1	69.69 / 103.71	14	SFC11E1A02F0800
2c	x	1	0.3 / 8.2	88.72 / 132.02	16	SFC11E0102F0800
2c	x	1.5	0.4 / 9.8	118.69 / 176.63	20	SFC11E3A02F0800
2c	x	2.5	0.4 / 10.7	141.06 / 209.91	26	SFC11E5A02F0800
3c	x	0.5	0.3 / 7.4	76.7 / 114.15	9	SFC11E1A03F0800
3c	x	1	0.3 / 8.6	97.57 / 145.2	12	SFC11E0103F0800
3c	x	1.5	0.4 / 10.2	133.66 / 198.91	16	SFC11E3A03F0800
3c	x	2.5	0.5 / 11.6	184.74 / 274.92	21	SFC11E5A03F0800
4c	x	0.5	0.3 / 7.9	85.51 / 127.26	9	SFC11E1A04F0800
4c	x	1	0.4 / 9.5	116.5 / 173.37	12	SFC11E0104F0800
4c	x	1.5	0.4 / 11	149.53 / 222.53	16	SFC11E3A04F0800
4c	x	2.5	0.5 / 12.4	214.1 / 318.61	21	SFC11E5A04F0800
5c	x	0.5	0.3 / 8.7	99.43 / 147.97	7.2	SFC11E1A05F0800
5c	x	1	0.4 / 10.4	136.89 / 203.71	9.6	SFC11E0105F0800
5c	x	1.5	0.5 / 12.2	194.15 / 288.92	12.8	SFC11E3A05F0800
5c	x	2.5	0.5 / 13.6	248.36 / 369.61	16.8	SFC11E5A05F0800
7c	x	0.5	0.4 / 9.4	119.09 / 177.23	6.3	SFC11E1A07F0800
7c	x	1	0.5 / 11.5	180.62 / 268.8	8.4	SFC11E0107F0800
7c	x	1.5	0.5 / 13.3	234.53 / 349.02	11.2	SFC11E3A07F0800
7c	x	2.5	0.6 / 14.6	296.21 / 440.81	14.7	SFC11E5A07F0800
10c	x	0.5	0.5 / 11.6	172.41 / 256.57	6.3	SFC11E1A10F0800
10c	x	1	0.6 / 14.1	242.36 / 360.67	8.4	SFC11E0110F0800
10c	x	1.5	0.6 / 16.1	310.31 / 461.78	11.2	SFC11E3A10F0800
10c	x	2.5	0.7 / 18.1	408.21 / 607.48	14.7	SFC11E5A10F0800
12c	x	0.5	0.5 / 11.9	184.74 / 274.93	6.3	SFC11E1A12F0800
12c	x	1	0.6 / 14.5	260.15 / 387.15	8.4	SFC11E0112F0800
12c	x	1.5	0.7 / 16.8	347.85 / 517.66	11.2	SFC11E3A12F0800
12c	x	2.5	0.7 / 18.6	448.99 / 668.18	14.7	SFC11E5A12F0800
14c	x	0.5	0.5 / 12.3	199.54 / 296.95	6.3	SFC11E1A14F0800
14c	x	1	0.6 / 15.1	283.41 / 421.77	8.4	SFC11E0114F0800
14c	x	1.5	0.7 / 17.6	377.91 / 562.39	11.2	SFC11E3A14F0800
14c	x	2.5	0.8 / 19.5	497.62 / 740.54	14.7	SFC11E5A14F0800
19c	x	0.5	0.5 / 13.7	242.99 / 361.61	6.3	SFC11E1A19F0800
19c	x	1	0.7 / 16.7	349.52 / 520.14	8.4	SFC11E0119F0800
19c	x	1.5	0.8 / 19.2	458.71 / 682.63	11.2	SFC11E3A19F0800
19c	x	2.5	0.9 / 21.7	622.02 / 925.67	14.7	SFC11E5A19F0800

SF-XLA 150/250 V Armoured Multi-Conductor (LSZH), XLPE/SHF1

NUMBER OF CONDUCTORS	X	SIZE OF CONDUCTORS	NOMINAL OD OVERALL CABLE	CABLE WEIGHT	AMPACITY	SHAWFLEX PART NUMBER
(c)		*(mm^2)*	*(in/mm)*	*(lbs/1000ft) / (kg/km)*	*(45°C ambient)*	
24c	x	0.5	0.6 / 15.4	291.46 / 433.73	6.3	SFC11E1A24F0800
24c	x	1	0.7 / 19	426.07 / 634.07	8.4	SFC11E0124F0800
24c	x	1.5	0.9 / 22.3	578.65 / 861.12	11.2	SFC11E3A24F0800
24c	x	2.5	1 / 25.2	787.16 / 1171.42	14.7	SFC11E5A24F0800
27c	x	0.5	0.6 / 15.7	308.69 / 459.38	5.4	SFC11E1A27F0800
27c	x	1	0.8 / 19.4	452.14 / 672.85	7.2	SFC11E0127F0800
27c	x	1.5	0.9 / 22.8	619.09 / 921.31	9.6	SFC11E3A27F0800
27c	x	2.5	1 / 25.7	847.52 / 1261.24	12.6	SFC11E5A27F0800
37c	x	0.5	0.7 / 17.5	384.41 / 572.06	5.4	SFC11E1A37F0800
37c	x	1	0.9 / 21.6	569.69 / 847.79	7.2	SFC11E0137F0800
37c	x	1.5	1 / 25.4	783.1 / 1165.38	9.6	SFC11E3A37F0800
37c	x	2.5	1.1 / 28.7	1084.75 / 1614.28	12.6	SFC11E5A37F0800

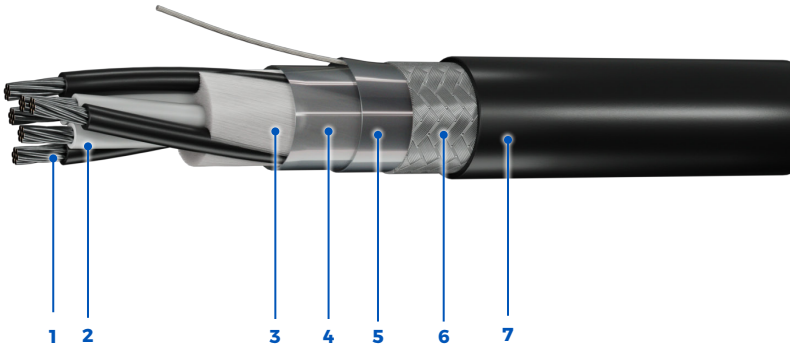
*Ampacity value based on ABS Rules for Building and Classing Steel Vessels, Version 2023, Table-6. Values are corrected according to Table 6 for number of Conductors.
**Available in both American Wire Gauge (AWG) and Metric wire conductor sizes

SF-XLA (C) 150/250 V Armoured Overall Screened Pairs & Triads (LSZH), XLPE/SHF1

SF-XLA (C) 150/250 V armoured overall screened pair & triad cables are suitable for use in offshore oil and gas, shipboard and marine applications. Our cables are made to IEC specifications and can be modified to fit your specific requirements.

Standards:

RoHS · ABS Type Approved Product · LR · Transport Canada



1 – Stranded Bare or Tinned Class 2 or Class 5 Copper Conductors

2 – XLPE Insulated Conductors

3 – Polypropylene Fillers

4 – Fiberglass Tape

5 – Overall Aluminum/Mylar Shield with Tinned Copper Drain Wire.

Optional: LSZH Inner Sheath (Not Shown)

6 – Tinned-Copper or Bronze Braided Armour

7 – Protective LSZH Outer Sheath

Operating Temperature

-40˚C to +90˚C

Product Construction

Conductor:

- Stranded bare or tinned copper class 5 (standard) or class 2 (optional)

Insulation:

- XLPE Rated: +90°C Wet/Dry, IEC 60092-360

Shielding:

- Aluminum/mylar foil shield with tinned copper drain wire (standard)
- Copper Tape Shield (optional)

Armour:

- Tinned-Copper Braid (optional)
- Bronze Braid (optional)

Jacket:

- FR LSZH Thermoplastic, IEC 60092-360 (SHF1)

Available in:

- Custom insulation/jacket colours

Certification/ Compliances

Construction & Materials:

- IEC 60092-376
- IEC 60092-350
- IEC 60092-360 (Insulation & Sheath)
- IEC 60228 (Conductor)

Performance:

- IEC 60332-3-22, Cat. A (Flame Retardancy)
- IEC 60754-1 & 2, IEC 60684-2 (Halogen Free)
- IEC 61034-1 & 2 (Low Smoke Emission)
- Cold Bend & Impact (-40°C/-35°C)

Approvals:

- American Bureau of Shipping (ABS)
- Lloyd's Register
- Transport Canada

150/250 V

Voltage

Colour Coding

Custom colour coding available, inc.

- Per IEEE 1580 / IEC 60092-376, Annex A:

  Pairs - Black, White, # coded

  Triads - Black, White, Red, # coded

Control and Instrumentation

SF-XLA (C) 150/250 V Armoured Overall Screened Pairs & Triads (LSZH), XLPE/SHF1

NUMBER OF CONDUCTORS	X	SIZE OF CONDUCTORS	NOMINAL OD OVERALL CABLE	CABLE WEIGHT	AMPACITY	SHAWFLEX PART NUMBER
(c)		*(mm^2)*	*(in/mm)*	*(lbs/1000ft) / (kg/km)*	*(45°C ambient)*	
1pr	x	0.5	0.3 / 7.4	72.85 / 108.41	14	SFC21E1A01F0800
2pr	x	0.5	0.4 / 10.3	117.98 / 175.57	9	SFC21E1A02F0800
4pr	x	0.5	0.5 / 12	172.23 / 256.3	6.3	SFC21E1A04F0800
5pr	x	0.5	0.5 / 13.1	197.04 / 293.23	6.3	SFC21E1A05F0800
7pr	x	0.5	0.6 / 14	225.82 / 336.06	6.3	SFC21E1A07F0800
10pr	x	0.5	0.7 / 17.4	307.71 / 457.92	6.3	SFC21E1A10F0800
12pr	x	0.5	0.7 / 17.9	330.68 / 492.1	6.3	SFC21E1A12F0800
14pr	x	0.5	0.7 / 18.7	360.78 / 536.91	5.4	SFC21E1A14F0800
19pr	x	0.5	0.8 / 20.7	438.47 / 652.52	5.4	SFC21E1A19F0800
24pr	x	0.5	0.9 / 24.1	550.38 / 819.05	4.5	SFC21E1A24F0800
1pr	x	0.75	0.3 / 8.2	86.45 / 128.64	15	SFC21E1B01F0800
2pr	x	0.75	0.5 / 12.1	168.2 / 250.31	11	SFC21E1B02F0800
4pr	x	0.75	0.5 / 13.9	221.4 / 329.48	7.7	SFC21E1B04F0800
5pr	x	0.75	0.6 / 15	246.07 / 366.19	7.7	SFC21E1B05F0800
7pr	x	0.75	0.6 / 16.2	286.27 / 426.01	7.7	SFC21E1B07F0800
10pr	x	0.75	0.8 / 20.5	407.77 / 606.84	7.7	SFC21E1B10F0800
12pr	x	0.75	0.8 / 21	441.76 / 657.42	7.7	SFC21E1B12F0800
14pr	x	0.75	0.9 / 22	482.23 / 717.63	6.6	SFC21E1B14F0800
19pr	x	0.75	1 / 24.5	591.47 / 880.21	6.6	SFC21E1B19F0800
24pr	x	0.75	1.1 / 28.6	746.01 / 1110.18	5.5	SFC21E1B24F0800
1pr	x	1.5	0.4 / 9.8	116.34 / 173.14	20	SFC21E3A01F0800
2pr	x	1.5	0.6 / 14.7	229.07 / 340.9	16	SFC21E3A02F0800
4pr	x	1.5	0.7 / 17	310.45 / 462	11.2	SFC21E3A04F0800
5pr	x	1.5	0.7 / 18.4	347.13 / 516.59	11.2	SFC21E3A05F0800
7pr	x	1.5	0.8 / 20.1	422.18 / 628.27	11.2	SFC21E3A07F0800
10pr	x	1.5	1 / 25.3	588.88 / 876.35	11.2	SFC21E3A10F0800
12pr	x	1.5	1 / 26.1	640.83 / 953.65	11.2	SFC21E3A12F0800
14pr	x	1.5	1.1 / 27.6	724.51 / 1078.18	9.6	SFC21E3A14F0800
19pr	x	1.5	1.2 / 30.8	894.5 / 1331.17	9.6	SFC21E3A19F0800
1pr	x	2.5	0.4 / 10.7	137.86 / 205.16	26	SFC21E5A01F0800
2pr	x	2.5	0.6 / 16.2	277.59 / 413.1	21	SFC21E5A02F0800
4pr	x	2.5	0.7 / 18.8	389.77 / 580.03	14.7	SFC21E5A04F0800
5pr	x	2.5	0.8 / 20.7	452.63 / 673.58	14.7	SFC21E5A05F0800
7pr	x	2.5	0.9 / 22.4	545.12 / 811.23	14.7	SFC21E5A07F0800
10pr	x	2.5	1.1 / 28.6	782.72 / 1164.81	14.7	SFC21E5A10F0800
12pr	x	2.5	1.2 / 29.4	861.22 / 1281.63	14.7	SFC21E5A12F0800
14pr	x	2.5	1.2 / 31.2	976.6 / 1453.33	12.6	SFC21E5A14F0800
1tr	x	0.5	0.3 / 7.7	79.95 / 118.98	9	SFC31E1A01F0800
2tr	x	0.5	0.5 / 11.6	158.81 / 236.33	7.2	SFC31E1A02F0800
4tr	x	0.5	0.5 / 13.3	210.96 / 313.95	6.3	SFC31E1A04F0800

SF-XLA (C) 150/250 V Armoured Overall Screened Pairs & Triads (LSZH), XLPE/SHF1

NUMBER OF CONDUCTORS	X	SIZE OF CONDUCTORS	NOMINAL OD OVERALL CABLE	CABLE WEIGHT	AMPACITY	SHAWFLEX PART NUMBER
(c)		*(mm^2)*	*(in/mm)*	*(lbs/1000ft) / (kg/km)*	*(45°C ambient)*	
5tr	x	0.5	0.6 / 14.3	235.5 / 350.46	6.3	SFC31E1A05F0800
7tr	x	0.5	0.6 / 15.3	274.24 / 408.11	6.3	SFC31E1A07F0800
10tr	x	0.5	0.8 / 19.1	377.07 / 561.14	5.4	SFC31E1A10F0800
12tr	x	0.5	0.8 / 19.6	408.98 / 608.63	5.4	SFC31E1A12F0800
14tr	x	0.5	0.8 / 20.8	461.62 / 686.97	5.4	SFC31E1A14F0800
19tr	x	0.5	0.9 / 22.9	554.58 / 825.3	4.5	SFC31E1A19F0800
24tr	x	0.5	1 / 26.7	699.37 / 1040.78	4.5	SFC31E1A24F0800
1tr	x	0.75	0.3 / 8.6	96.5 / 143.61	11	SFC31E1B01F0800
2tr	x	0.75	0.5 / 13.4	204.99 / 305.06	8.8	SFC31E1B02F0800
4tr	x	0.75	0.6 / 15.2	265.47 / 395.06	7.7	SFC31E1B04F0800
5tr	x	0.75	0.7 / 16.7	309.19 / 460.12	7.7	SFC31E1B05F0800
7tr	x	0.75	0.7 / 18	365.47 / 543.88	7.7	SFC31E1B07F0800
10tr	x	0.75	0.9 / 22.6	508.45 / 756.65	6.6	SFC31E1B10F0800
12tr	x	0.75	0.9 / 23.2	554.83 / 825.68	6.6	SFC31E1B12F0800
14tr	x	0.75	1 / 24.6	625.17 / 930.35	6.6	SFC31E1B14F0800
19tr	x	0.75	1.1 / 27.4	776.03 / 1154.85	5.5	SFC31E1B19F0800
1tr	x	1.5	0.4 / 10.2	132.39 / 197.02	16	SFC31E3A01F0800
2tr	x	1.5	0.6 / 16	273.38 / 406.83	12.8	SFC31E3A02F0800
4tr	x	1.5	0.7 / 18.6	382.58 / 569.33	11.2	SFC31E3A04F0800
5tr	x	1.5	0.8 / 20.5	443.79 / 660.42	11.2	SFC31E3A05F0800
7tr	x	1.5	0.9 / 22.2	533.33 / 793.69	11.2	SFC31E3A07F0800
10tr	x	1.5	1.1 / 28.3	765.55 / 1139.26	9.6	SFC31E3A10F0800
12tr	x	1.5	1.1 / 29.2	842.24 / 1253.39	9.6	SFC31E3A12F0800
1tr	x	2.5	0.5 / 11.6	183.47 / 273.04	21	SFC31E5A01F0800
2tr	x	2.5	0.7 / 18	349.4 / 519.97	16.8	SFC31E5A02F0800
4tr	x	2.5	0.8 / 20.9	505.22 / 751.85	14.7	SFC31E5A04F0800
5tr	x	2.5	0.9 / 22.8	575.96 / 857.12	14.7	SFC31E5A05F0800
7tr	x	2.5	1 / 25	720.62 / 1072.41	14.7	SFC31E5A07F0800
10tr	x	2.5	1.3 / 32	1035.9 / 1541.59	12.6	SFC31E5A10F0800
12tr	x	2.5	1.3 / 33	1150.4 / 1711.98	12.6	SFC31E5A12F0800

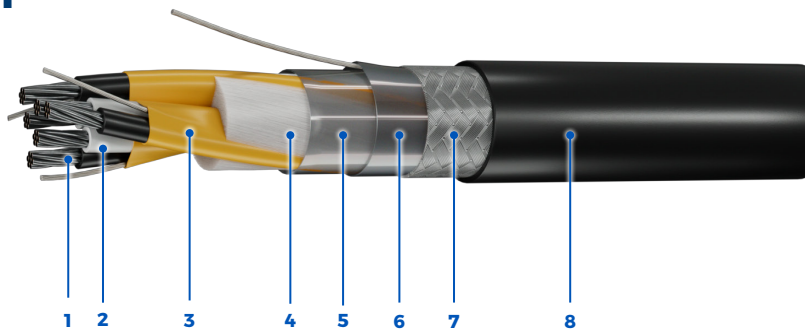
*Ampacity value based on ABS Rules for Building and Classing Steel Vessels, Version 2023, Table-6. Values are corrected according to Table 6 for number of Conductors.
**Available in both American Wire Gauge (AWG) and Metric wire conductor sizes

SF-XLA (I) 150/250 V Armoured Individually and Overall Screened Pairs & Triads (LSZH), XLPE/SHF1

SF-XLA (I) 150/250 V armoured individually and overall screened pair & triad cables are suitable for use in offshore oil and gas, shipboard and marine applications. Our cables are made to IEC specifications and can be modified to fit your specific requirements.

Standards:

RoHS · ABS Type Approved Product · LR · Transport Canada



1 – Stranded Bare or Tinned Class 2 or Class 5 Copper Conductors

2 – XLPE Insulated Conductors

3 – Individual Aluminum/Mylar Shield with Tinned Copper Drain Wire

4 – Polypropylene Fillers

5 – Fiberglass Tape

6 – Overall Aluminum/Mylar Shield with Tinned Copper Drain Wire

Optional: LSZH Inner Sheath (Not Shown)

7 – Tinned-Copper or Bronze Braided Armour

8 – Protective LSZH Outer Sheath

Operating Temperature

-40˚C to +90˚C

Product Construction

Conductor:

- Stranded bare or tinned copper class 5 (standard) or class 2 (optional)

Insulation:

- XLPE Rated: +90°C Wet/Dry, IEC 60092-360

Shielding:

- Aluminum/mylar foil shield with tinned copper drain wire (standard), available for both individual and overall shields
- Copper Tape Shield (optional)

Armour:

- Tinned-Copper Braid (optional)
- Bronze Braid (optional)

Jacket:

- FR LSZH Thermoplastic, IEC 60092-360 (SHF1)

Available in:

- Custom insulation/jacket colours

Certification/ Compliances

Construction & Materials:

- IEC 60092-376
- IEC 60092-350
- IEC 60092-360 (Insulation & Sheath)
- IEC 60228 (Conductor)

Performance:

- IEC 60332-3-22, Cat. A (Flame Retardancy)
- IEC 60754-1 & 2, IEC 60684-2 (Halogen Free)
- IEC 61034-1 & 2 (Low Smoke Emission)
- Cold Bend & Impact (-40°C/-35°C)

Approvals:

- American Bureau of Shipping (ABS)
- Lloyd's Register
- Transport Canada

150/250 V

Voltage

Colour Coding

Custom colour coding available, inc.

- Per IEEE 1580 / IEC 60092-376, Annex A:

  Pairs - Black, White, # coded

  Triads - Black, White, Red, # coded

Control and Instrumentation

SF-XLA (I) 150/250 V Armoured Individually and Overall Screened Pairs & Triads (LSZH), XLPE/SHF1

NUMBER OF CONDUCTORS	X	SIZE OF CONDUCTORS	NOMINAL OD OVERALL CABLE	CABLE WEIGHT	AMPACITY	SHAWFLEX PART NUMBER
(c)		*(mm^2)*	*(in/mm)*	*(lbs/1000ft) / (kg/km)*	*(45°C ambient)*	
2pr	x	0.5	0.4 / 10.6	127.88 / 190.31	9	SFC22E1A02F0800
4pr	x	0.5	0.5 / 12.4	188.71 / 280.82	6.3	SFC22E1A04F0800
5pr	x	0.5	0.5 / 13.6	218.08 / 324.54	6.3	SFC22E1A05F0800
7pr	x	0.5	0.6 / 14.6	252.66 / 376	6.3	SFC22E1A07F0800
10pr	x	0.5	0.7 / 18.1	347.22 / 516.72	6.3	SFC22E1A10F0800
12pr	x	0.5	0.7 / 18.6	375.76 / 559.19	6.3	SFC22E1A12F0800
14pr	x	0.5	0.8 / 19.5	412.3 / 613.57	5.4	SFC22E1A14F0800
19pr	x	0.5	0.9 / 21.7	506.43 / 753.65	5.4	SFC22E1A19F0800
24pr	x	0.5	1 / 25.3	638.98 / 950.91	4.5	SFC22E1A24F0800
2pr	x	0.75	0.5 / 12.5	181.34 / 269.86	11	SFC22E1B02F0800
4pr	x	0.75	0.6 / 14.4	244.62 / 364.03	7.7	SFC22E1B04F0800
5pr	x	0.75	0.6 / 15.6	274.95 / 409.18	7.7	SFC22E1B05F0800
7pr	x	0.75	0.7 / 17	334.2 / 497.35	7.7	SFC22E1B07F0800
10pr	x	0.75	0.8 / 21.3	462.81 / 688.73	7.7	SFC22E1B10F0800
12pr	x	0.75	0.9 / 21.9	506.56 / 753.85	7.7	SFC22E1B12F0800
14pr	x	0.75	0.9 / 23	556.42 / 828.04	6.6	SFC22E1B14F0800
19pr	x	0.75	1 / 25.6	689.69 / 1026.38	6.6	SFC22E1B19F0800
24pr	x	0.75	1.2 / 29.9	873.08 / 1299.28	5.5	SFC22E1B24F0800
2pr	x	1.5	0.6 / 15.1	250.5 / 372.78	16	SFC22E3A02F0800
4pr	x	1.5	0.7 / 17.5	347.97 / 517.84	11.2	SFC22E3A04F0800
5pr	x	1.5	0.7 / 19	390.87 / 581.68	11.2	SFC22E3A05F0800
7pr	x	1.5	0.8 / 20.8	480 / 714.32	11.2	SFC22E3A07F0800
10pr	x	1.5	1 / 26.3	673.76 / 1002.66	11.2	SFC22E3A10F0800
12pr	x	1.5	1.1 / 27.4	758.36 / 1128.56	11.2	SFC22E3A12F0800
14pr	x	1.5	1.1 / 28.7	841.13 / 1251.74	9.6	SFC22E3A14F0800
2pr	x	2.5	0.7 / 16.9	310.05 / 461.41	21	SFC22E5A02F0800
4pr	x	2.5	0.8 / 19.4	430.33 / 640.4	14.7	SFC22E5A04F0800
5pr	x	2.5	0.8 / 21.4	498.42 / 741.73	14.7	SFC22E5A05F0800
7pr	x	2.5	0.9 / 23.4	618.14 / 919.89	14.7	SFC22E5A07F0800
10pr	x	2.5	1.2 / 29.7	869.44 / 1293.86	14.7	SFC22E5A10F0800
12pr	x	2.5	1.2 / 30.9	984.32 / 1464.83	14.7	SFC22E5A12F0800
2tr	x	0.5	0.5 / 12	171.96 / 255.91	7.2	SFC32E1A02F0800
4tr	x	0.5	0.5 / 13.8	230.4 / 342.87	6.3	SFC32E1A04F0800
5tr	x	0.5	0.6 / 14.9	257.75 / 383.58	6.3	SFC32E1A05F0800
7tr	x	0.5	0.6 / 16	303.27 / 451.32	6.3	SFC32E1A07F0800
10tr	x	0.5	0.8 / 20.3	432.62 / 643.8	5.4	SFC32E1A10F0800
12tr	x	0.5	0.8 / 20.9	472.57 / 703.26	5.4	SFC32E1A12F0800
14tr	x	0.5	0.9 / 21.9	518.25 / 771.24	5.4	SFC32E1A14F0800
19tr	x	0.5	1 / 24.4	640.59 / 953.3	4.5	SFC32E1A19F0800

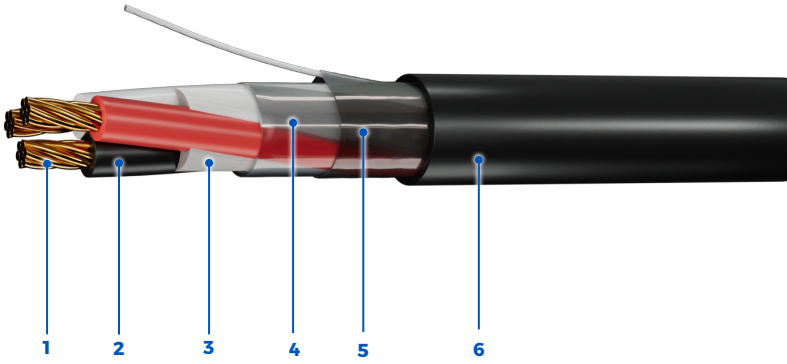
SF-XLA (I) 150/250 V Armoured Individually and Overall Screened Pairs & Triads (LSZH), XLPE/SHF1

NUMBER OF CONDUCTORS	X	SIZE OF CONDUCTORS	NOMINAL OD OVERALL CABLE	CABLE WEIGHT	AMPACITY	SHAWFLEX PART NUMBER
(c)		*(mm^2)*	*(in/mm)*	*(lbs/1000ft) / (kg/km)*	*(45°C ambient)*	
2tr	x	0.75	0.5 / 13.9	220.2 / 327.69	8.8	SFC32E1B02F0800
4tr	x	0.75	0.6 / 15.8	295.1 / 439.15	7.7	SFC32E1B04F0800
5tr	x	0.75	0.7 / 17.4	341.47 / 508.17	7.7	SFC32E1B05F0800
7tr	x	0.75	0.7 / 18.8	406.58 / 605.06	7.7	SFC32E1B07F0800
10tr	x	0.75	0.9 / 24	581.22 / 864.95	6.6	SFC32E1B10F0800
12tr	x	0.75	1 / 24.7	639.4 / 951.53	6.6	SFC32E1B12F0800
14tr	x	0.75	1 / 25.9	708.84 / 1054.88	6.6	SFC32E1B14F0800
19tr	x	0.75	1.1 / 28.9	880.31 / 1310.04	5.5	SFC32E1B19F0800
2tr	x	1.5	0.7 / 16.9	307.01 / 456.88	12.8	SFC32E3A02F0800
4tr	x	1.5	0.8 / 19.4	424.63 / 631.92	11.2	SFC32E3A04F0800
5tr	x	1.5	0.8 / 21.4	491.47 / 731.38	11.2	SFC32E3A05F0800
7tr	x	1.5	0.9 / 23.2	595.2 / 885.76	11.2	SFC32E3A07F0800
10tr	x	1.5	1.2 / 29.7	856.62 / 1274.79	9.6	SFC32E3A10F0800
12tr	x	1.5	1.2 / 30.8	969.05 / 1442.1	9.6	SFC32E3A12F0800
2tr	x	2.5	0.7 / 18.7	376.47 / 560.25	16.8	SFC32E5A02F0800
4tr	x	2.5	0.9 / 21.8	548.23 / 815.86	14.7	SFC32E5A04F0800
5tr	x	2.5	0.9 / 24	637.08 / 948.08	14.7	SFC32E5A05F0800
7tr	x	2.5	1 / 26.1	782.57 / 1164.59	14.7	SFC32E5A07F0800

*Ampacity value based on ABS Rules for Building and Classing Steel Vessels, Version 2023, Table-6. Values are corrected according to Table 6 for number of Conductors.
**Available in both American Wire Gauge (AWG) and Metric wire conductor sizes

SH-HF 150/250 V Unarmoured Multi-Conductor (LSZH), HF90/SHF1

SH-HF 150/250 V unarmoured multicore cables are suitable for use in offshore oil and gas, shipboard and marine applications. Our cables are made to IEC specifications and can be modified to fit your specific requirements.



1 – Stranded Bare or Tinned Class 2 or Class 5 Copper Conductors

2 – Halogen Free HF90 Insulated Conductors

3 – Polypropylene Fillers

4 – Fiberglass Tape

5 – Overall Aluminum/Mylar Shield with Tinned Copper Drain Wire

6 – Protective LSZH Outer Sheath

Standards:

RoHS, ABS Type Approved Product, LR, Transport Canada

Operating Temperature

-40˚C to +90˚C

Product Construction

Conductor:

- Stranded bare or tinned copper class 5 (standard) or class 2 (optional)

Insulation:

- Halogen Free HF90 Rated: +90°C Wet/Dry, IEC 60092-360

Shielding:

- Aluminum/mylar foil shield with tinned copper drain wire (standard)

Jacket:

- FR LSZH Thermoplastic, IEC 60092-360 (SHF1)

Available in:

- Custom insulation/jacket colours

Certification/ Compliances

Construction & Materials:

- IEC 60092-376
- IEC 60092-350
- IEC 60092-360 (Insulation & Sheath)
- IEC 60228 (Conductor)

Performance:

- IEC 60332-3-22, Cat. A (Flame Retardancy)
- IEC 60754-1 & 2, IEC 60684-2 (Halogen Free)
- IEC 61034-1 & 2 (Low Smoke Emission)
- IEC 60811-403 (Ozone Resistance)
- Cold Bend & Impact (-40°C/-35°C)

Approvals:

- American Bureau of Shipping (ABS)
- Lloyd's Register
- Transport Canada

150/250 V

Voltage

Colour Coding

- Per IEEE 1580 Table 23:

2C - Black, White

3C - Black, White, Red

4C - Black, White Red, Green

5C - Black, White, Red, Green, Orange

6C - Black, White, Red, Green, Orange, Blue

≥7C - Base color with tracers

Control and Instrumentation

SH-HF 150/250 V Unarmoured Multi-Conductor (LSZH), HF90/SHF1

NUMBER OF CONDUCTORS	X	SIZE OF CONDUCTORS	NOMINAL OD OVERALL CABLE	CABLE WEIGHT	AMPACITY	SHAWFLEX PART NUMBER
(c)		*(mm^2)*	*(in/mm)*	*(lbs/1000ft) / (kg/km)*	*(45°C ambient)*	
2c	x	0.5	0.3 / 6.9	46.81 / 69.66	14	SH011E1A02F0800
2c	x	1	0.3 / 7.6	55.95 / 83.27	16	SH011E0102F0800
2c	x	1.5	0.4 / 9.2	79.19 / 117.85	20	SH011E3A02F0800
2c	x	2.5	0.4 / 10.1	97.7 / 145.39	26	SH011E5A02F0800
3c	x	0.5	0.3 / 7.3	51.54 / 76.7	9	SH011E1A03F0800
3c	x	1	0.3 / 8.3	68.13 / 101.39	12	SH011E0103F0800
3c	x	1.5	0.4 / 9.7	92.87 / 138.2	16	SH011E3A03F0800
3c	x	2.5	0.4 / 10.6	117.39 / 174.7	21	SH011E5A03F0800
4c	x	0.5	0.3 / 7.8	59.5 / 88.55	9	SH011E1A04F0800
4c	x	1	0.4 / 9	80.22 / 119.38	12	SH011E0104F0800
4c	x	1.5	0.4 / 10.5	106.18 / 158.02	16	SH011E3A04F0800
4c	x	2.5	0.5 / 11.8	148.24 / 220.61	21	SH011E5A04F0800
5c	x	0.5	0.4 / 9	75.92 / 112.98	7.2	SH011E1A05F0800
5c	x	1	0.4 / 10	96.56 / 143.69	9.6	SH011E0105F0800
5c	x	1.5	0.5 / 11.6	130.32 / 193.93	12.8	SH011E3A05F0800
5c	x	2.5	0.5 / 12.7	176.09 / 262.05	16.8	SH011E5A05F0800
7c	x	0.5	0.4 / 9.7	90.05 / 134	6.3	SH011E1A07F0800
7c	x	1	0.4 / 10.7	115.93 / 172.52	8.4	SH011E0107F0800
7c	x	1.5	0.5 / 12.5	159.06 / 236.71	11.2	SH011E3A07F0800
7c	x	2.5	0.5 / 13.8	213.55 / 317.8	14.7	SH011E5A07F0800
10c	x	0.5	0.5 / 12.1	126.02 / 187.54	6.3	SH011E1A10F0800
10c	x	1	0.5 / 13.5	163.8 / 243.76	8.4	SH011E0110F0800
10c	x	1.5	0.6 / 15.8	227.61 / 338.72	11.2	SH011E3A10F0800
10c	x	2.5	0.7 / 17.5	305.29 / 454.33	14.7	SH011E5A10F0800
12c	x	0.5	0.5 / 12.4	136.58 / 203.26	6.3	SH011E1A12F0800
12c	x	1	0.5 / 13.9	180.44 / 268.52	8.4	SH011E0112F0800
12c	x	1.5	0.6 / 16.3	254.11 / 378.16	11.2	SH011E3A12F0800
12c	x	2.5	0.7 / 18	344.38 / 512.49	14.7	SH011E5A12F0800
14c	x	0.5	0.5 / 13	150.8 / 224.41	6.3	SH011E1A14F0800
14c	x	1	0.6 / 14.6	200.99 / 299.11	8.4	SH011E0114F0800
14c	x	1.5	0.7 / 17	280.82 / 417.9	11.2	SH011E3A14F0800
14c	x	2.5	0.8 / 19.2	399.4 / 594.37	14.7	SH011E5A14F0800
19c	x	0.5	0.6 / 14.3	185.51 / 276.07	6.3	SH011E1A19F0800
19c	x	1	0.6 / 16.3	259.99 / 386.91	8.4	SH011E0119F0800
19c	x	1.5	0.8 / 19.1	364.5 / 542.44	11.2	SH011E3A19F0800
19c	x	2.5	0.8 / 21.3	503.86 / 749.82	14.7	SH011E5A19F0800

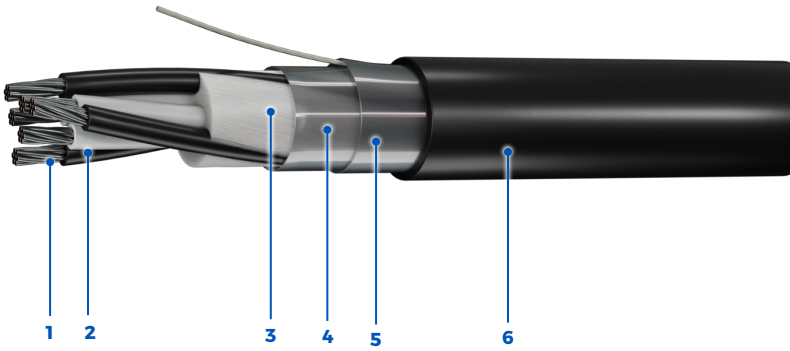
SH-HF 150/250 V Unarmoured Multi-Conductor (LSZH), HF90/SHF1

NUMBER OF CONDUCTORS	X	SIZE OF CONDUCTORS	NOMINAL OD OVERALL CABLE	CABLE WEIGHT	AMPACITY	SHAWFLEX PART NUMBER
(c)		*(mm^2)*	*(in/mm)*	*(lbs/1000ft) / (kg/km)*	*(45°C ambient)*	
24c	x	0.5	0.7 / 16.7	240.13 / 357.35	6.3	SH011E1A24F0800
24c	x	1	0.8 / 19.1	335.37 / 499.09	8.4	SH011E0124F0800
24c	x	1.5	0.9 / 22.4	471.19 / 701.21	11.2	SH011E3A24F0800
24c	x	2.5	1 / 25	651.27 / 969.19	14.7	SH011E5A24F0800
27c	x	0.5	0.7 / 17	256.43 / 381.6	5.4	SH011E1A27F0800
27c	x	1	0.8 / 19.5	361.02 / 537.26	7.2	SH011E0127F0800
27c	x	1.5	0.9 / 22.9	511.09 / 760.58	9.6	SH011E3A27F0800
27c	x	2.5	1 / 25.8	724.34 / 1077.94	12.6	SH011E5A27F0800
37c	x	0.5	0.8 / 19.2	333.52 / 496.34	5.4	SH011E1A37F0800
37c	x	1	0.9 / 21.6	460.61 / 685.46	7.2	SH011E0137F0800
37c	x	1.5	1 / 25.7	666.5 / 991.86	9.6	SH011E3A37F0800
37c	x	2.5	1.1 / 29	952.15 / 1416.96	12.6	SH011E5A37F0800

*Ampacity value based on ABS Rules for Building and Classing Steel Vessels, Version 2023, Table-6. Values are corrected according to Table 6 for number of Conductors.
**Available in both American Wire Gauge (AWG) and Metric wire conductor sizes

SH-HF (C) 150/250 V Unarmoured Overall Screened Pairs & Triads (LSZH), HF90/SHF1

SH-HF (C) 150/250 V unarmoured overall screened pair & triad cables are suitable for use in offshore oil and gas, shipboard and marine applications. Our cables are made to IEC specifications and can be modified to fit your specific requirements.



1 – Stranded Bare or Tinned Class 2 or Class 5 Copper Conductors

2 – Halogen Free HF90 Insulated Conductors

3 – Polypropylene Fillers

4 – Fiberglass Tape

5 – Overall Aluminum/Mylar Shield with Tinned Copper Drain Wire

6 – Protective LSZH Outer Sheath

Standards:

RoHS, ABS Type Approved Product, LR, Transport Canada

Operating Temperature

-40˚C to +90˚C

Product Construction

Conductor:

- Stranded bare or tinned copper class 5 (standard) or class 2 (optional)

Insulation:

- Halogen Free HF90 Rated: +90°C Wet/Dry, IEC 60092-360

Shielding:

- Aluminum/mylar foil shield with tinned copper drain wire (standard)
- Copper Tape Shield (optional)

Jacket:

- FR LSZH Thermoplastic, IEC 60092-360 (SHF1)

Available in:

- Custom insulation/jacket colours

Certification/ Compliances

Construction & Materials:

- IEC 60092-376
- IEC 60092-350
- IEC 60092-360 (Insulation & Sheath)
- IEC 60228 (Conductor)

Performance:

- IEC 60332-3-22, Cat. A (Flame Retardancy)
- IEC 60754-1 & 2, IEC 60684-2 (Halogen Free)
- IEC 61034-1 & 2 (Low Smoke Emission)
- IEC 60811-403 (Ozone Resistance)
- Cold Bend & Impact (-40°C/-35°C)

Approvals:

- American Bureau of Shipping (ABS)
- Lloyd's Register
- Transport Canada

150/250 V

Voltage

Colour Coding

Custom colour coding available, inc.

- Per IEEE 1580 / IEC 60092-376, Annex A:

  Pairs - Black, White, # coded

  Triads - Black, White, Red, # coded

Control and Instrumentation

SH-HF (C) 150/250 V Unarmoured Overall Screened Pairs & Triads (LSZH), HF90/SHF1

NUMBER OF CONDUCTORS	X	SIZE OF CONDUCTORS	NOMINAL OD OVERALL CABLE	CABLE WEIGHT	AMPACITY	SHAWFLEX PART NUMBER
(c)		*(mm^2)*	*(in/mm)*	*(lbs/1000ft) / (kg/km)*	*(45°C ambient)*	
1pr	x	0.5	0.3 / 7.2	46.59 / 69.33	14	SH021E1A01F0800
2pr	x	0.5	0.4 / 10.7	86.7 / 129.02	9	SH021E1A02F0800
4pr	x	0.5	0.5 / 12.5	121.61 / 180.97	6.3	SH021E1A04F0800
5pr	x	0.5	0.5 / 13.6	136 / 202.39	6.3	SH021E1A05F0800
7pr	x	0.5	0.6 / 14.8	162.46 / 241.77	6.3	SH021E1A07F0800
10pr	x	0.5	0.8 / 19.1	246.24 / 366.45	6.3	SH021E1A10F0800
12pr	x	0.5	0.8 / 19.6	270.43 / 402.45	6.3	SH021E1A12F0800
14pr	x	0.5	0.8 / 20.6	298.15 / 443.69	5.4	SH021E1A14F0800
19pr	x	0.5	0.9 / 23.1	375.23 / 558.4	5.4	SH021E1A19F0800
24pr	x	0.5	1.1 / 27.2	486.12 / 723.42	4.5	SH021E1A24F0800
1pr	x	0.75	0.3 / 7.6	53.77 / 80.02	15	SH021E1B01F0800
2pr	x	0.75	0.5 / 11.7	105.02 / 156.29	11	SH021E1B02F0800
4pr	x	0.75	0.5 / 13.4	143.06 / 212.9	7.7	SH021E1B04F0800
5pr	x	0.75	0.6 / 14.6	162.54 / 241.89	7.7	SH021E1B05F0800
7pr	x	0.75	0.6 / 16.1	205.78 / 306.23	7.7	SH021E1B07F0800
10pr	x	0.75	0.8 / 20.5	296.95 / 441.91	7.7	SH021E1B10F0800
12pr	x	0.75	0.8 / 21.1	329.23 / 489.95	7.7	SH021E1B12F0800
14pr	x	0.75	0.9 / 22.4	377.64 / 561.99	6.6	SH021E1B14F0800
19pr	x	0.75	1 / 24.9	465.52 / 692.78	6.6	SH021E1B19F0800
24pr	x	0.75	1.2 / 29.6	617.7 / 919.23	5.5	SH021E1B24F0800
1pr	x	1.5	0.4 / 9.2	76.84 / 114.35	20	SH021E3A01F0800
2pr	x	1.5	0.5 / 14	145.8 / 216.98	16	SH021E3A02F0800
4pr	x	1.5	0.6 / 16.4	216.35 / 321.96	11.2	SH021E3A04F0800
5pr	x	1.5	0.7 / 17.9	243.86 / 362.9	11.2	SH021E3A05F0800
7pr	x	1.5	0.8 / 19.8	310.23 / 461.67	11.2	SH021E3A07F0800
10pr	x	1.5	1 / 25.6	465.05 / 692.07	11.2	SH021E3A10F0800
12pr	x	1.5	1 / 26.4	516.07 / 767.99	11.2	SH021E3A12F0800
14pr	x	1.5	1.1 / 27.8	579.21 / 861.96	9.6	SH021E3A14F0800
19pr	x	1.5	1.2 / 31.1	734.39 / 1092.89	9.6	SH021E3A19F0800
24pr	x	1.5	1.5 / 37	967.27 / 1439.45	8	SH021E3A24F0800
1pr	x	2.5	0.4 / 10.1	94.52 / 140.66	26	SH021E5A01F0800
2pr	x	2.5	0.6 / 15.7	193.02 / 287.25	21	SH021E5A02F0800
4pr	x	2.5	0.7 / 18.5	295.82 / 440.22	14.7	SH021E5A04F0800
5pr	x	2.5	0.8 / 20.2	335.85 / 499.8	14.7	SH021E5A05F0800
7pr	x	2.5	0.9 / 22.3	431.43 / 642.03	14.7	SH021E5A07F0800
10pr	x	2.5	1.1 / 28.6	626.53 / 932.38	14.7	SH021E5A10F0800
12pr	x	2.5	1.2 / 29.7	718.87 / 1069.79	14.7	SH021E5A12F0800
14pr	x	2.5	1.2 / 31.3	812.67 / 1209.39	12.6	SH021E5A14F0800
19pr	x	2.5	1.4 / 35.2	1036.49 / 1542.47	12.6	SH021E5A19F0800
24pr	x	2.5	1.6 / 41.7	1359.26 / 2022.8	10.5	SH021E5A24F0800

SH-HF (C) 150/250 V Unarmoured Overall Screened Pairs & Triads (LSZH), HF90/SHF1

NUMBER OF CONDUCTORS	X	SIZE OF CONDUCTORS	NOMINAL OD OVERALL CABLE	CABLE WEIGHT	AMPACITY	SHAWFLEX PART NUMBER
(c)		*(mm^2)*	*(in/mm)*	*(lbs/1000ft) / (kg/km)*	*(45°C ambient)*	
1tr	x	0.5	0.3 / 7.6	53.56 / 79.7	9	SH031E1A01F0800
2tr	x	0.5	0.5 / 12	111.71 / 166.24	7.2	SH031E1A02F0800
4tr	x	0.5	0.5 / 13.8	151.06 / 224.8	6.3	SH031E1A04F0800
5tr	x	0.5	0.6 / 15.3	180.26 / 268.25	6.3	SH031E1A05F0800
7tr	x	0.5	0.7 / 16.6	218.68 / 325.43	6.3	SH031E1A07F0800
10tr	x	0.5	0.8 / 21.2	317.48 / 472.46	5.4	SH031E1A10F0800
12tr	x	0.5	0.9 / 21.8	350.54 / 521.66	5.4	SH031E1A12F0800
14tr	x	0.5	0.9 / 23.2	402.3 / 598.68	5.4	SH031E1A14F0800
19tr	x	0.5	1 / 26	511.36 / 760.98	4.5	SH031E1A19F0800
24tr	x	0.5	1.2 / 30.6	661.68 / 984.69	4.5	SH031E1A24F0800
1tr	x	0.75	0.3 / 8.2	67.17 / 99.96	11	SH031E1B01F0800
2tr	x	0.75	0.5 / 12.8	128.98 / 191.94	8.8	SH031E1B02F0800
4tr	x	0.75	0.6 / 14.8	185.52 / 276.08	7.7	SH031E1B04F0800
5tr	x	0.75	0.6 / 16.4	218.85 / 325.69	7.7	SH031E1B05F0800
7tr	x	0.75	0.7 / 17.8	269.09 / 400.45	7.7	SH031E1B07F0800
10tr	x	0.75	0.9 / 23	402.05 / 598.32	6.6	SH031E1B10F0800
12tr	x	0.75	0.9 / 23.8	448.64 / 667.65	6.6	SH031E1B12F0800
14tr	x	0.75	1 / 25	504.66 / 751.02	6.6	SH031E1B14F0800
19tr	x	0.75	1.1 / 28	642.75 / 956.52	5.5	SH031E1B19F0800
24tr	x	0.75	1.3 / 33.3	846.26 / 1259.37	5.5	SH031E1B24F0800
1tr	x	1.5	0.4 / 9.7	91.6 / 136.32	16	SH031E3A01F0800
2tr	x	1.5	0.6 / 15.7	191.12 / 284.42	12.8	SH031E3A02F0800
4tr	x	1.5	0.7 / 18.2	282.19 / 419.95	11.2	SH031E3A04F0800
5tr	x	1.5	0.8 / 20.2	331.21 / 492.9	11.2	SH031E3A05F0800
7tr	x	1.5	0.9 / 22.2	424.87 / 632.28	11.2	SH031E3A07F0800
10tr	x	1.5	1.1 / 28.5	616.82 / 917.93	9.6	SH031E3A10F0800
12tr	x	1.5	1.2 / 29.7	708.37 / 1054.17	9.6	SH031E3A12F0800
14tr	x	1.5	1.2 / 31.3	800.01 / 1190.55	9.6	SH031E3A14F0800
19tr	x	1.5	1.4 / 35.1	1018.68 / 1515.96	8	SH031E3A19F0800
24tr	x	1.5	1.6 / 41.6	1338.18 / 1991.43	8	SH031E3A24F0800
1tr	x	2.5	0.4 / 10.6	116.13 / 172.82	21	SH031E5A01F0800
2tr	x	2.5	0.7 / 17.4	248.96 / 370.5	16.8	SH031E5A02F0800
4tr	x	2.5	0.8 / 20.5	391.29 / 582.3	14.7	SH031E5A04F0800
5tr	x	2.5	0.9 / 22.7	460.95 / 685.97	14.7	SH031E5A05F0800
7tr	x	2.5	1 / 24.8	584.28 / 869.5	14.7	SH031E5A07F0800
10tr	x	2.5	1.3 / 32.5	886.18 / 1318.78	12.6	SH031E5A10F0800
12tr	x	2.5	1.3 / 33.5	995.51 / 1481.47	12.6	SH031E5A12F0800
14tr	x	2.5	1.4 / 35.3	1131.92 / 1684.48	12.6	SH031E5A14F0800
19tr	x	2.5	1.6 / 39.9	1479.11 / 2201.16	10.5	SH031E5A19F0800
24tr	x	2.5	1.9 / 47.3	1931.55 / 2874.46	10.5	SH031E5A24F0800

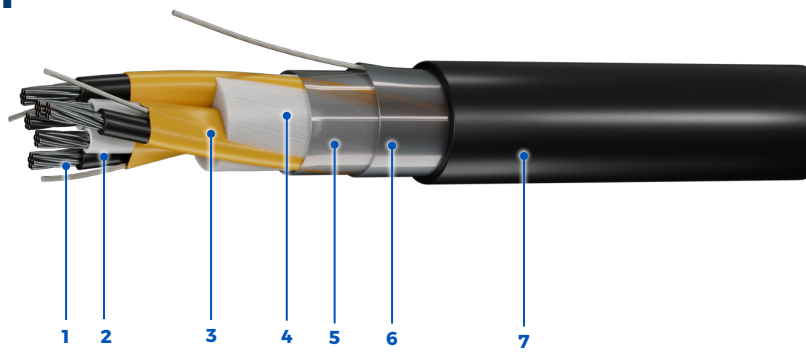
*Ampacity value based on ABS Rules for Building and Classing Steel Vessels, Version 2023, Table-6. Values are corrected according to Table 6 for number of Conductors.
**Available in both American Wire Gauge (AWG) and Metric wire conductor sizes

SH-HF (I) 150/250 V Unarmoured Individually and Overall Screened Pairs & Triads (LSZH), HF90/SHF1

SH-HF (I) 150/250 V unarmoured individually and overall screened pair & triad cables are suitable for use in offshore oil and gas, shipboard and marine applications. Our cables are made to IEC specifications and can be modified to fit your specific requirements.

Standards:

RoHS · ABS Type Approved Product · LR · Transport Canada



1 – Stranded Bare or Tinned Class 2 or Class 5 Copper Conductors

2 – Halogen Free HF90 Insulated Conductors

3 – Individual Aluminum/Mylar Shield with Tinned Copper Drain Wire

4 – Polypropylene Fillers

5 – Fiberglass Tape

6 – Overall Aluminum/Mylar Shield with Tinned Copper Drain Wire

7 – Protective LSZH Outer Sheath

Operating Temperature

-40˚C to +90˚C

Product Construction

Conductor:

- Stranded bare or tinned copper class 5 (standard) or class 2 (optional)

Insulation:

- Halogen Free HF90 Rated: +90°C Wet/Dry, IEC 60092-360

Shielding:

- Aluminum/mylar foil shield with tinned copper drain wire (standard), available for both individual and overall shields
- Copper Tape Shield (optional)

Jacket:

- FR LSZH Thermoplastic, IEC 60092-360 (SHF1)

Available in:

- Custom insulation/jacket colours

Certification/ Compliances

Construction & Materials:

- IEC 60092-376
- IEC 60092-350
- IEC 60092-360 (Insulation & Sheath)
- IEC 60228 (Conductor)

Performance:

- IEC 60332-3-22, Cat. A (Flame Retardancy)
- IEC 60754-1 & 2, IEC 60684-2 (Halogen Free)
- IEC 61034-1 & 2 (Low Smoke Emission)
- IEC 60811-403 (Ozone Resistance)
- Cold Bend & Impact (-40°C/-35°C)

Approvals:

- American Bureau of Shipping (ABS)
- Lloyd's Register
- Transport Canada

150/250 V

Voltage

Colour Coding

Custom colour coding available, inc.

- Per IEEE 1580 / IEC 60092-376, Annex A:

  Pairs - Black, White, # coded

  Triads - Black, White, Red, # coded

Control and Instrumentation

SH-HF (I) 150/250 V Unarmoured Individually and Overall Screened Pairs & Triads (LSZH), HF90/SHF1

NUMBER OF CONDUCTORS	X	SIZE OF CONDUCTORS	NOMINAL OD OVERALL CABLE	CABLE WEIGHT	AMPACITY	SHAWFLEX PART NUMBER
(c)		*(mm^2)*	*(in/mm)*	*(lbs/1000ft) / (kg/km)*	*(45°C ambient)*	
2pr	x	0.5	0.4 / 11.1	95.01 / 141.39	9	SH022E1A02F0800
4pr	x	0.5	0.5 / 13	136.9 / 203.74	6.3	SH022E1A04F0800
5pr	x	0.5	0.6 / 14.2	155.28 / 231.08	6.3	SH022E1A05F0800
7pr	x	0.5	0.6 / 15.6	196.2 / 291.98	6.3	SH022E1A07F0800
10pr	x	0.5	0.8 / 19.9	283.5 / 421.89	6.3	SH022E1A10F0800
12pr	x	0.5	0.8 / 20.5	314.65 / 468.24	6.3	SH022E1A12F0800
14pr	x	0.5	0.8 / 21.6	348.93 / 519.27	5.4	SH022E1A14F0800
19pr	x	0.5	1 / 24.2	443.05 / 659.33	5.4	SH022E1A19F0800
24pr	x	0.5	1.1 / 28.5	574.32 / 854.68	4.5	SH022E1A24F0800
2pr	x	0.75	0.5 / 12	117.92 / 175.49	11	SH022E1B02F0800
4pr	x	0.75	0.5 / 13.9	167.72 / 249.6	7.7	SH022E1B04F0800
5pr	x	0.75	0.6 / 15.4	195.89 / 291.52	7.7	SH022E1B05F0800
7pr	x	0.75	0.7 / 16.7	240.46 / 357.84	7.7	SH022E1B07F0800
10pr	x	0.75	0.8 / 21.4	348.99 / 519.35	7.7	SH022E1B10F0800
12pr	x	0.75	0.9 / 22.3	400.73 / 596.34	7.7	SH022E1B12F0800
14pr	x	0.75	0.9 / 23.4	451.11 / 671.32	6.6	SH022E1B14F0800
19pr	x	0.75	1 / 26.3	571.38 / 850.3	6.6	SH022E1B19F0800
24pr	x	0.75	1.2 / 31	740.26 / 1101.62	5.5	SH022E1B24F0800
2pr	x	1.5	0.6 / 14.4	163.28 / 242.99	16	SH022E3A02F0800
4pr	x	1.5	0.7 / 17	247.78 / 368.74	11.2	SH022E3A04F0800
5pr	x	1.5	0.7 / 18.9	292.97 / 435.98	11.2	SH022E3A05F0800
7pr	x	1.5	0.8 / 20.5	363.83 / 541.43	11.2	SH022E3A07F0800
10pr	x	1.5	1 / 26.6	543.34 / 808.58	11.2	SH022E3A10F0800
12pr	x	1.5	1.1 / 27.5	609.87 / 907.58	11.2	SH022E3A12F0800
14pr	x	1.5	1.1 / 29.2	702.48 / 1045.41	9.6	SH022E3A14F0800
19pr	x	1.5	1.3 / 32.8	895.57 / 1332.75	9.6	SH022E3A19F0800
24pr	x	1.5	1.5 / 38.6	1157.01 / 1721.81	8	SH022E3A24F0800
2pr	x	2.5	0.6 / 16.2	212.82 / 316.72	21	SH022E5A02F0800
4pr	x	2.5	0.8 / 19.1	328.78 / 489.28	14.7	SH022E5A04F0800
5pr	x	2.5	0.8 / 21	376.9 / 560.89	14.7	SH022E5A05F0800
7pr	x	2.5	0.9 / 23.1	485.9 / 723.1	14.7	SH022E5A07F0800
10pr	x	2.5	1.2 / 30	721.55 / 1073.79	14.7	SH022E5A10F0800
12pr	x	2.5	1.2 / 31	814.78 / 1212.52	14.7	SH022E5A12F0800
14pr	x	2.5	1.3 / 32.9	939.39 / 1397.96	12.6	SH022E5A14F0800
19pr	x	2.5	1.5 / 36.9	1199.02 / 1784.33	12.6	SH022E5A19F0800
24pr	x	2.5	1.7 / 43.8	1574.21 / 2342.68	10.5	SH022E5A24F0800
2tr	x	0.5	0.5 / 12.5	121.21 / 180.38	7.2	SH032E1A02F0800
4tr	x	0.5	0.6 / 14.4	171.7 / 255.52	6.3	SH032E1A04F0800
5tr	x	0.5	0.6 / 16	201.77 / 300.26	6.3	SH032E1A05F0800
7tr	x	0.5	0.7 / 17.4	245.96 / 366.03	6.3	SH032E1A07F0800

SH-HF (I) 150/250 V Unarmoured Individually and Overall Screened Pairs & Triads (LSZH), HF90/SHF1

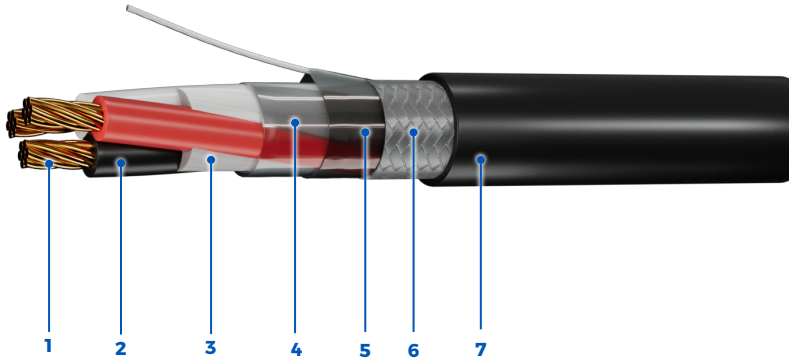
NUMBER OF CONDUCTORS	X	SIZE OF CONDUCTORS	NOMINAL OD OVERALL CABLE	CABLE WEIGHT	AMPACITY	SHAWFLEX PART NUMBER
(c)		*(mm^2)*	*(in/mm)*	*(lbs/1000ft) / (kg/km)*	*(45°C ambient)*	
10tr	x	0.5	0.9 / 22.5	368.89 / 548.97	5.4	SH032E1A10F0800
12tr	x	0.5	0.9 / 23.2	410.8 / 611.34	5.4	SH032E1A12F0800
14tr	x	0.5	1 / 24.5	460.56 / 685.4	5.4	SH032E1A14F0800
19tr	x	0.5	1.1 / 27.4	582.99 / 867.58	4.5	SH032E1A19F0800
24tr	x	0.5	1.3 / 32.6	772.48 / 1149.58	4.5	SH032E1A24F0800
2tr	x	0.75	0.5 / 13.3	143.16 / 213.05	8.8	SH032E1B02F0800
4tr	x	0.75	0.6 / 15.7	215.43 / 320.6	7.7	SH032E1B04F0800
5tr	x	0.75	0.7 / 17.1	245.86 / 365.88	7.7	SH032E1B05F0800
7tr	x	0.75	0.7 / 18.9	315.61 / 469.67	7.7	SH032E1B07F0800
10tr	x	0.75	1 / 24.2	457.08 / 680.21	6.6	SH032E1B10F0800
12tr	x	0.75	1 / 25	511.89 / 761.78	6.6	SH032E1B12F0800
14tr	x	0.75	1 / 26.6	591.19 / 879.78	6.6	SH032E1B14F0800
19tr	x	0.75	1.2 / 29.8	754.83 / 1123.3	5.5	SH032E1B19F0800
24tr	x	0.75	1.4 / 35.1	974.91 / 1450.83	5.5	SH032E1B24F0800
2tr	x	1.5	0.6 / 16.3	211.7 / 315.04	12.8	SH032E3A02F0800
4tr	x	1.5	0.8 / 19.3	326.32 / 485.61	11.2	SH032E3A04F0800
5tr	x	1.5	0.8 / 21.1	373.87 / 556.38	11.2	SH032E3A05F0800
7tr	x	1.5	0.9 / 23.3	481.68 / 716.82	11.2	SH032E3A07F0800
10tr	x	1.5	1.2 / 30.2	716.36 / 1066.07	9.6	SH032E3A10F0800
12tr	x	1.5	1.2 / 31.2	808.38 / 1203.01	9.6	SH032E3A12F0800
14tr	x	1.5	1.3 / 33.1	931.19 / 1385.76	9.6	SH032E3A14F0800
19tr	x	1.5	1.5 / 37.1	1189.11 / 1769.59	8	SH032E3A19F0800
24tr	x	1.5	1.7 / 44.1	1563.25 / 2326.37	8	SH032E3A24F0800
2tr	x	2.5	0.7 / 18.1	270.47 / 402.5	16.8	SH032E5A02F0800
4tr	x	2.5	0.8 / 21.4	426.05 / 634.03	14.7	SH032E5A04F0800
5tr	x	2.5	0.9 / 23.8	503.38 / 749.11	14.7	SH032E5A05F0800
7tr	x	2.5	1 / 26.2	653.17 / 972.02	14.7	SH032E5A07F0800
10tr	x	2.5	1.3 / 34	965.66 / 1437.07	12.6	SH032E5A10F0800
12tr	x	2.5	1.4 / 35.1	1097.2 / 1632.81	12.6	SH032E5A12F0800
14tr	x	2.5	1.5 / 37.3	1263.76 / 1880.68	12.6	SH032E5A14F0800
19tr	x	2.5	1.6 / 41.9	1623.55 / 2416.1	10.5	SH032E5A19F0800
24tr	x	2.5	2 / 49.9	2154.72 / 3206.58	10.5	SH032E5A24F0800

*Ampacity value based on ABS Rules for Building and Classing Steel Vessels, Version 2023, Table-6. Values are corrected according to Table 6 for number of Conductors.
**Available in both American Wire Gauge (AWG) and Metric wire conductor sizes

SH-HFA 150/250 V Armoured Multi-Conductor (LSZH), HF90/SHF1

SH-HFA 150/250 V armoured multicore cables are suitable for use in offshore oil and gas, shipboard and marine applications. Our cables are made to IEC specifications and can be modified to fit your specific requirements.

Standards:



1 – Stranded Bare or Tinned Class 2 or Class 5 Copper Conductors

2 – Halogen Free HF90 Insulated Conductors

3 – Polypropylene Fillers

4 – Fiberglass Tape

5 – Overall Aluminum/Mylar Shield with Tinned Copper Drain Wire

Optional: LSZH Inner Sheath (Not Shown)

6 – Tinned-Copper or Bronze Braided Armour

7 – Protective LSZH Outer Sheath

Operating Temperature

-40˚C to +90˚C

Product Construction

Conductor:

- Stranded bare or tinned copper class 5 (standard) or class 2 (optional)

Insulation:

- Halogen Free HF90 Rated: +90°C Wet/Dry, IEC 60092-360

Shielding:

- Aluminum/mylar foil shield with tinned copper drain wire (standard)

Armour:

- Tinned-Copper Braid (optional)
- Bronze Braid (optional)

Jacket:

- FR LSZH Thermoplastic, IEC 60092-360 (SHF1)

Available in:

- Custom insulation/jacket colours

Certification/ Compliances

Construction & Materials:

- IEC 60092-376
- IEC 60092-350
- IEC 60092-360 (Insulation & Sheath)
- IEC 60228 (Conductor)

Performance:

- IEC 60332-3-22, Cat. A (Flame Retardancy)
- IEC 60754-1 & 2, IEC 60684-2 (Halogen Free)
- IEC 61034-1 & 2 (Low Smoke Emission)
- IEC 60811-403 (Ozone Resistance)
- Cold Bend & Impact (-40°C/-35°C)

Approvals:

- American Bureau of Shipping (ABS)
- Lloyd's Register
- Transport Canada

150/250 V

Voltage

Colour Coding

- Per IEEE 1580 Table 23:

2C - Black, White

3C - Black, White, Red

4C - Black, White Red, Green

5C - Black, White, Red, Green, Orange

6C - Black, White, Red, Green, Orange, Blue

≥7C - Base color with tracers

Control and Instrumentation

SH-HFA 150/250 V Armoured Multi-Conductor (LSZH), HF90/SHF1

NUMBER OF CONDUCTORS	X	SIZE OF CONDUCTORS	NOMINAL OD OVERALL CABLE	CABLE WEIGHT	AMPACITY	SHAWFLEX PART NUMBER
(c)		*(mm^2)*	*(in/mm)*	*(lbs/1000ft) / (kg/km)*	*(45°C ambient)*	
2c	x	0.5	0.3 / 7.9	81.11 / 120.71	14	SHC11E1A02F0800
2c	x	1	0.3 / 8.7	93.56 / 139.23	16	SHC11E0102F0800
2c	x	1.5	0.4 / 10.2	123.99 / 184.51	20	SHC11E3A02F0800
2c	x	2.5	0.5 / 11.5	168.8 / 251.2	26	SHC11E5A02F0800
3c	x	0.5	0.3 / 8.3	87.42 / 130.09	9	SHC11E1A03F0800
3c	x	1	0.4 / 9.3	108.74 / 161.83	12	SHC11E0103F0800
3c	x	1.5	0.4 / 10.7	139.86 / 208.14	16	SHC11E3A03F0800
3c	x	2.5	0.5 / 12	192.08 / 285.84	21	SHC11E5A03F0800
4c	x	0.5	0.3 / 8.8	98 / 145.85	9	SHC11E1A04F0800
4c	x	1	0.4 / 10	123.89 / 184.37	12	SHC11E0104F0800
4c	x	1.5	0.5 / 11.9	179.94 / 267.78	16	SHC11E3A04F0800
4c	x	2.5	0.5 / 13.2	230.61 / 343.18	21	SHC11E5A04F0800
5c	x	0.5	0.4 / 10	119.79 / 178.27	7.2	SHC11E1A05F0800
5c	x	1	0.4 / 11	144.89 / 215.62	9.6	SHC11E0105F0800
5c	x	1.5	0.5 / 13	211.55 / 314.82	12.8	SHC11E3A05F0800
5c	x	2.5	0.6 / 14.2	265.07 / 394.47	16.8	SHC11E5A05F0800
7c	x	0.5	0.4 / 10.7	136.97 / 203.83	6.3	SHC11E1A07F0800
7c	x	1	0.5 / 12.1	191.43 / 284.87	8.4	SHC11E0107F0800
7c	x	1.5	0.5 / 13.9	246.37 / 366.64	11.2	SHC11E3A07F0800
7c	x	2.5	0.6 / 15.2	309.47 / 460.54	14.7	SHC11E5A07F0800
10c	x	0.5	0.5 / 13.5	210.63 / 313.46	6.3	SHC11E1A10F0800
10c	x	1	0.6 / 14.9	257.86 / 383.74	8.4	SHC11E0110F0800
10c	x	1.5	0.7 / 17.2	336.87 / 501.31	11.2	SHC11E3A10F0800
10c	x	2.5	0.7 / 18.9	426.03 / 634	14.7	SHC11E5A10F0800
12c	x	0.5	0.5 / 13.8	223.37 / 332.41	6.3	SHC11E1A12F0800
12c	x	1	0.6 / 15.3	277.03 / 412.27	8.4	SHC11E0112F0800
12c	x	1.5	0.7 / 17.7	366.41 / 545.28	11.2	SHC11E3A12F0800
12c	x	2.5	0.8 / 19.5	468.59 / 697.34	14.7	SHC11E5A12F0800
14c	x	0.5	0.6 / 14.4	241.35 / 359.17	6.3	SHC11E1A14F0800
14c	x	1	0.6 / 16	301.97 / 449.39	8.4	SHC11E0114F0800
14c	x	1.5	0.7 / 18.5	398.38 / 592.85	11.2	SHC11E3A14F0800
14c	x	2.5	0.8 / 20.6	531.16 / 790.45	14.7	SHC11E5A14F0800
19c	x	0.5	0.6 / 15.7	284.64 / 423.59	6.3	SHC11E1A19F0800
19c	x	1	0.7 / 17.7	372.63 / 554.53	8.4	SHC11E0119F0800
19c	x	1.5	0.8 / 20.5	495.55 / 737.47	11.2	SHC11E3A19F0800
19c	x	2.5	0.9 / 22.7	649.26 / 966.21	14.7	SHC11E5A19F0800

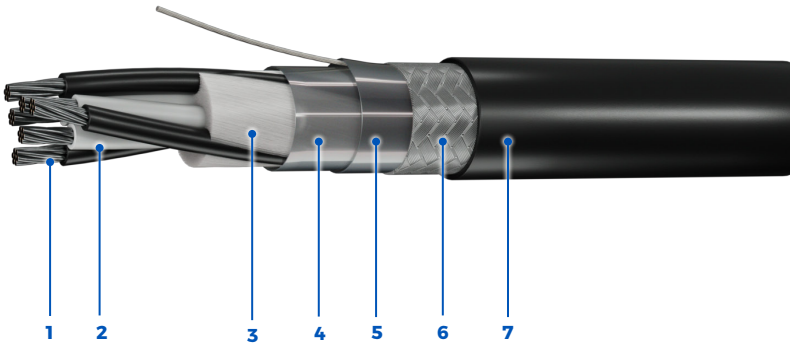
SH-HFA 150/250 V Armoured Multi-Conductor (LSZH), HF90/SHF1

NUMBER OF CONDUCTORS	X	SIZE OF CONDUCTORS	NOMINAL OD OVERALL CABLE	CABLE WEIGHT	AMPACITY	SHAWFLEX PART NUMBER
(c)		*(mm^2)*	*(in/mm)*	*(lbs/1000ft) / (kg/km)*	*(45°C ambient)*	
24c	x	0.5	0.7 / 18.1	355.46 / 528.98	6.3	SHC11E1A24F0800
24c	x	1	0.8 / 20.5	466.43 / 694.12	8.4	SHC11E0124F0800
24c	x	1.5	0.9 / 23.8	624.34 / 929.12	11.2	SHC11E3A24F0800
24c	x	2.5	1 / 26.4	821.64 / 1222.73	14.7	SHC11E5A24F0800
27c	x	0.5	0.7 / 18.4	373.94 / 556.48	5.4	SHC11E1A27F0800
27c	x	1	0.8 / 20.9	494.61 / 736.06	7.2	SHC11E0127F0800
27c	x	1.5	1 / 24.3	667.28 / 993.01	9.6	SHC11E3A27F0800
27c	x	2.5	1.1 / 27.2	899.87 / 1339.16	12.6	SHC11E5A27F0800
37c	x	0.5	0.8 / 20.6	464.91 / 691.87	5.4	SHC11E1A37F0800
37c	x	1	0.9 / 23	608.54 / 905.61	7.2	SHC11E0137F0800
37c	x	1.5	1.1 / 27.1	841.6 / 1252.43	9.6	SHC11E3A37F0800
37c	x	2.5	1.2 / 30.4	1149.02 / 1709.93	12.6	SHC11E5A37F0800

*Ampacity value based on ABS Rules for Building and Classing Steel Vessels, Version 2023, Table-6. Values are corrected according to Table 6 for number of Conductors.
**Available in both American Wire Gauge (AWG) and Metric wire conductor sizes

SH-HFA (C) 150/250 V Armoured Overall Screened Pairs & Triads (LSZH), HF90/SHF1

SH-HFA (C) 150/250 V armoured overall screened pair & triad cables are suitable for use in offshore oil and gas, shipboard and marine applications. Our cables are made to IEC specifications and can be modified to fit your specific requirements.



1 – Stranded Bare or Tinned Class 2 or Class 5 Copper Conductors

2 – Halogen Free HF90 Insulated Conductors

3 – Polypropylene Fillers

4 – Fiberglass Tape

5 – Overall Aluminum/Mylar Shield with Tinned Copper Drain Wire

Optional: LSZH Inner Sheath (Not Shown)

6 – Tinned-Copper or Bronze Braided Armour

7 – Protective LSZH Outer Sheath

Standards:

RoHS · ABS Type Approved Product · LR · Transport Canada

Operating Temperature

-40˚C to +90˚C

Product Construction

Conductor:

- Stranded bare or tinned copper class 5 (standard) or class 2 (optional)

Insulation:

- Halogen Free HF90 Rated: +90°C Wet/Dry, IEC 60092-360

Shielding:

- Aluminum/mylar foil shield with tinned copper drain wire (standard)
- Copper Tape Shield (optional)

Armour:

- Tinned-Copper Braid (optional)
- Bronze Braid (optional)

Jacket:

- FR LSZH Thermoplastic, IEC 60092-360 (SHF1)

Available in:

- Custom insulation/jacket colours

Certification/ Compliances

Construction & Materials:

- IEC 60092-376
- IEC 60092-350
- IEC 60092-360 (Insulation & Sheath)
- IEC 60228 (Conductor)

Performance:

- IEC 60332-3-22, Cat. A (Flame Retardancy)
- IEC 60754-1 & 2, IEC 60684-2 (Halogen Free)
- IEC 61034-1 & 2 (Low Smoke Emission)
- IEC 60811-403 (Ozone Resistance)
- Cold Bend & Impact (-40°C/-35°C)

Approvals:

- American Bureau of Shipping (ABS)
- Lloyd's Register
- Transport Canada

150/250 V

Voltage

Colour Coding

Custom colour coding available, inc.

- Per IEEE 1580 / IEC 60092-376, Annex A:

  Pairs - Black, White, # coded

  Triads - Black, White, Red, # coded

Control and Instrumentation

SH-HFA (C) 150/250 V Armoured Overall Screened Pairs & Triads (LSZH), HF90/SHF1

NUMBER OF CONDUCTORS	X	SIZE OF CONDUCTORS	NOMINAL OD OVERALL CABLE	CABLE WEIGHT	AMPACITY	SHAWFLEX PART NUMBER
(c)		*(mm^2)*	*(in/mm)*	*(lbs/1000ft) / (kg/km)*	*(45°C ambient)*	
1pr	x	0.5	0.3 / 8.2	82.19 / 122.32	14	SHC21E1A01F0800
2pr	x	0.5	0.5 / 12.1	162.07 / 241.19	9	SHC21E1A02F0800
4pr	x	0.5	0.5 / 13.9	209.14 / 311.23	6.3	SHC21E1A04F0800
5pr	x	0.5	0.6 / 15	230.74 / 343.37	6.3	SHC21E1A05F0800
7pr	x	0.5	0.6 / 16.2	264.78 / 394.04	6.3	SHC21E1A07F0800
10pr	x	0.5	0.8 / 20.5	377.04 / 561.1	6.3	SHC21E1A10F0800
12pr	x	0.5	0.8 / 21	405.03 / 602.75	6.3	SHC21E1A12F0800
14pr	x	0.5	0.9 / 22	439.31 / 653.77	5.4	SHC21E1A14F0800
19pr	x	0.5	1 / 24.5	533.14 / 793.4	5.4	SHC21E1A19F0800
24pr	x	0.5	1.1 / 28.6	670.98 / 998.53	4.5	SHC21E1A24F0800
1pr	x	0.75	0.3 / 8.6	91.26 / 135.81	15	SHC21E1B01F0800
2pr	x	0.75	0.5 / 13.1	186.79 / 277.98	11	SHC21E1B02F0800
4pr	x	0.75	0.6 / 14.8	236.27 / 351.6	7.7	SHC21E1B04F0800
5pr	x	0.75	0.6 / 16	263.63 / 392.32	7.7	SHC21E1B05F0800
7pr	x	0.75	0.7 / 17.5	316.82 / 471.48	7.7	SHC21E1B07F0800
10pr	x	0.75	0.9 / 21.9	437.16 / 650.56	7.7	SHC21E1B10F0800
12pr	x	0.75	0.9 / 22.5	473.57 / 704.75	7.7	SHC21E1B12F0800
14pr	x	0.75	0.9 / 23.8	531 / 790.22	6.6	SHC21E1B14F0800
19pr	x	0.75	1 / 26.3	635.18 / 945.26	6.6	SHC21E1B19F0800
24pr	x	0.75	1.2 / 31	818.35 / 1217.84	5.5	SHC21E1B24F0800
1pr	x	1.5	0.4 / 10.2	121.64 / 181.02	20	SHC21E3A01F0800
2pr	x	1.5	0.6 / 15.4	242.84 / 361.38	16	SHC21E3A02F0800
4pr	x	1.5	0.7 / 17.8	329.67 / 490.6	11.2	SHC21E3A04F0800
5pr	x	1.5	0.8 / 19.3	367.26 / 546.54	11.2	SHC21E3A05F0800
7pr	x	1.5	0.8 / 21.2	445.74 / 663.33	11.2	SHC21E3A07F0800
10pr	x	1.5	1.1 / 27	639.33 / 951.43	11.2	SHC21E3A10F0800
12pr	x	1.5	1.1 / 27.8	695.64 / 1035.22	11.2	SHC21E3A12F0800
14pr	x	1.5	1.1 / 29.2	767.95 / 1142.83	9.6	SHC21E3A14F0800
19pr	x	1.5	1.3 / 32.5	945.61 / 1407.22	9.6	SHC21E3A19F0800
1pr	x	2.5	0.5 / 11.5	165.62 / 246.47	26	SHC21E5A01F0800
2pr	x	2.5	0.7 / 17.1	301.74 / 449.04	21	SHC21E5A02F0800
4pr	x	2.5	0.8 / 19.6	411.27 / 612.03	14.7	SHC21E5A04F0800
5pr	x	2.5	0.9 / 21.6	474.27 / 705.78	14.7	SHC21E5A05F0800
7pr	x	2.5	0.9 / 23.7	583.75 / 868.71	14.7	SHC21E5A07F0800
10pr	x	2.5	1.2 / 30	820.78 / 1221.46	14.7	SHC21E5A10F0800
12pr	x	2.5	1.2 / 31.2	920.84 / 1370.35	14.7	SHC21E5A12F0800
14pr	x	2.5	1.3 / 32.7	1025.11 / 1525.53	12.6	SHC21E5A14F0800
1tr	x	0.5	0.3 / 8.6	90.73 / 135.02	9	SHC31E1A01F0800

SH-HFA (C) 150/250 V Armoured Overall Screened Pairs & Triads (LSZH), HF90/SHF1

NUMBER OF CONDUCTORS	X	SIZE OF CONDUCTORS	NOMINAL OD OVERALL CABLE	CABLE WEIGHT	AMPACITY	SHAWFLEX PART NUMBER
(c)		*(mm^2)*	*(in/mm)*	*(lbs/1000ft) / (kg/km)*	*(45°C ambient)*	
2tr	x	0.5	0.5 / 13.4	195.8 / 291.38	7.2	SHC31E1A02F0800
4tr	x	0.5	0.6 / 15.2	247.08 / 367.69	6.3	SHC31E1A04F0800
5tr	x	0.5	0.7 / 16.7	286.19 / 425.9	6.3	SHC31E1A05F0800
7tr	x	0.5	0.7 / 18	333.25 / 495.93	6.3	SHC31E1A07F0800
10tr	x	0.5	0.9 / 22.6	462.36 / 688.07	5.4	SHC31E1A10F0800
12tr	x	0.5	0.9 / 23.2	499.74 / 743.7	5.4	SHC31E1A12F0800
14tr	x	0.5	1 / 24.6	560.81 / 834.58	5.4	SHC31E1A14F0800
19tr	x	0.5	1.1 / 27.4	688.54 / 1024.66	4.5	SHC31E1A19F0800
24tr	x	0.5	1.3 / 32	869.32 / 1293.69	4.5	SHC31E1A24F0800
1tr	x	0.75	0.4 / 9.2	107.55 / 160.05	11	SHC31E1B01F0800
2tr	x	0.75	0.6 / 14.2	218.42 / 325.04	8.8	SHC31E1B02F0800
4tr	x	0.75	0.6 / 16.2	287.99 / 428.57	7.7	SHC31E1B04F0800
5tr	x	0.75	0.7 / 17.8	331.99 / 494.06	7.7	SHC31E1B05F0800
7tr	x	0.75	0.8 / 19.2	391.67 / 582.87	7.7	SHC31E1B07F0800
10tr	x	0.75	1 / 24.5	559.45 / 832.56	6.6	SHC31E1B10F0800
12tr	x	0.75	1 / 25.2	610.76 / 908.9	6.6	SHC31E1B12F0800
14tr	x	0.75	1 / 26.4	674.95 / 1004.43	6.6	SHC31E1B14F0800
19tr	x	0.75	1.2 / 29.4	833.29 / 1240.08	5.5	SHC31E1B19F0800
1tr	x	1.5	0.4 / 10.7	138.6 / 206.25	16	SHC31E3A01F0800
2tr	x	1.5	0.7 / 17.1	299.67 / 445.95	12.8	SHC31E3A02F0800
4tr	x	1.5	0.8 / 19.6	407.38 / 606.25	11.2	SHC31E3A04F0800
5tr	x	1.5	0.8 / 21.6	469.42 / 698.58	11.2	SHC31E3A05F0800
7tr	x	1.5	0.9 / 23.7	576.97 / 858.63	11.2	SHC31E3A07F0800
10tr	x	1.5	1.2 / 29.9	810.76 / 1206.54	9.6	SHC31E3A10F0800
12tr	x	1.5	1.2 / 31.1	910.02 / 1354.26	9.6	SHC31E3A12F0800
1tr	x	2.5	0.5 / 12	190.81 / 283.96	21	SHC31E5A01F0800
2tr	x	2.5	0.7 / 18.8	368.89 / 548.96	16.8	SHC31E5A02F0800
4tr	x	2.5	0.9 / 21.9	531.74 / 791.32	14.7	SHC31E5A04F0800
5tr	x	2.5	1 / 24.1	616.34 / 917.22	14.7	SHC31E5A05F0800
7tr	x	2.5	1 / 26.2	753.43 / 1121.22	14.7	SHC31E5A07F0800

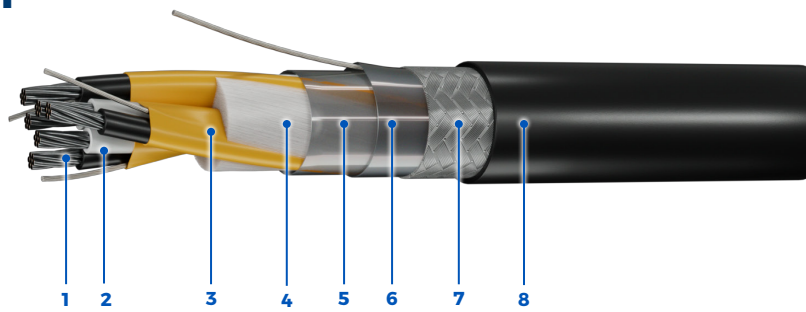
*Ampacity value based on ABS Rules for Building and Classing Steel Vessels, Version 2023, Table-6. Values are corrected according to Table 6 for number of Conductors.
**Available in both American Wire Gauge (AWG) and Metric wire conductor sizes

SH-HFA (I) 150/250 V Armoured Individually and Overall Screened Pairs & Triads (LSZH), HF90/SHF1

SH-HFA (I) 150/250 V armoured individually and overall screened pair & triad cables are suitable for use in offshore oil and gas, shipboard and marine applications. Our cables are made to IEC specifications and can be modified to fit your specific requirements.

Standards:

RoHS · ABS Type Approved Product · LR · Transport Canada



1 – Stranded Bare or Tinned Class 2 or Class 5 Copper Conductors

2 – Halogen Free HF90 Insulated Conductors

3 – Individual Aluminum/Mylar Shield with Tinned Copper Drain Wire

4 – Polypropylene Fillers

5 – Fiberglass Tape

6 – Overall Aluminum/Mylar Shield with Tinned Copper Drain Wire

Optional: LSZH Inner Sheath (Not Shown)

7 – Tinned-Copper or Bronze Braided Armour

8 – Protective LSZH Outer Sheath

Operating Temperature

-40˚C to +90˚C

Product Construction

Conductor:

- Stranded bare or tinned copper class 5 (standard) or class 2 (optional)

Insulation:

- Halogen Free HF90 Rated: +90°C Wet/Dry, IEC 60092-360

Shielding:

- Aluminum/mylar foil shield with tinned copper drain wire (standard), available for both individual and overall shields
- Copper Tape Shield (optional)

Armour:

- Tinned-Copper Braid (optional)
- Bronze Braid (optional)

Jacket:

- FR LSZH Thermoplastic, IEC 60092-360 (SHF1)

Available in:

- Custom insulation/jacket colours

Certification/ Compliances

Construction & Materials:

- IEC 60092-376
- IEC 60092-350
- IEC 60092-360 (Insulation & Sheath)
- IEC 60228 (Conductor)

Performance:

- IEC 60332-3-22, Cat. A (Flame Retardancy)
- IEC 60754-1 & 2, IEC 60684-2 (Halogen Free)
- IEC 61034-1 & 2 (Low Smoke Emission)
- IEC 60811-403 (Ozone Resistance)
- Cold Bend & Impact (-40°C/-35°C)

Approvals:

- American Bureau of Shipping (ABS)
- Lloyd's Register
- Transport Canada

150/250 V

Voltage

Colour Coding

Custom colour coding available, inc.

- Per IEEE 1580 / IEC 60092-376, Annex A:

  Pairs - Black, White, # coded

  Triads - Black, White, Red, # coded

Control and Instrumentation

SH-HFA (I) 150/250 V Armoured Individually and Overall Screened Pairs & Triads (LSZH), HF90/SHF1

NUMBER OF CONDUCTORS	X	SIZE OF CONDUCTORS	NOMINAL OD OVERALL CABLE	CABLE WEIGHT	AMPACITY	SHAWFLEX PART NUMBER
(c)		*(mm^2)*	*(in/mm)*	*(lbs/1000ft) / (kg/km)*	*(45°C ambient)*	
2pr	x	0.5	0.5 / 12.5	172.8 / 257.15	9	SHC22E1A02F0800
4pr	x	0.5	0.6 / 14.4	227.52 / 338.59	6.3	SHC22E1A04F0800
5pr	x	0.5	0.6 / 15.6	253.58 / 377.36	6.3	SHC22E1A05F0800
7pr	x	0.5	0.7 / 17	304.26 / 452.79	6.3	SHC22E1A07F0800
10pr	x	0.5	0.8 / 21.3	419.98 / 625.01	6.3	SHC22E1A10F0800
12pr	x	0.5	0.9 / 21.9	455.17 / 677.37	6.3	SHC22E1A12F0800
14pr	x	0.5	0.9 / 23	496.45 / 738.79	5.4	SHC22E1A14F0800
19pr	x	0.5	1 / 25.6	608.27 / 905.2	5.4	SHC22E1A19F0800
24pr	x	0.5	1.2 / 29.9	768.12 / 1143.08	4.5	SHC22E1A24F0800
2pr	x	0.75	0.5 / 13.5	202.26 / 301	11	SHC22E1B02F0800
4pr	x	0.75	0.6 / 15.3	264.22 / 393.2	7.7	SHC22E1B04F0800
5pr	x	0.75	0.7 / 16.8	302.45 / 450.09	7.7	SHC22E1B05F0800
7pr	x	0.75	0.7 / 18.1	355.81 / 529.5	7.7	SHC22E1B07F0800
10pr	x	0.75	0.9 / 22.8	495.2 / 736.94	7.7	SHC22E1B10F0800
12pr	x	0.75	0.9 / 23.7	553.16 / 823.2	7.7	SHC22E1B12F0800
14pr	x	0.75	1 / 24.9	611.18 / 909.53	6.6	SHC22E1B14F0800
19pr	x	0.75	1.1 / 27.7	750.44 / 1116.77	6.6	SHC22E1B19F0800
24pr	x	0.75	1.3 / 32.4	950.33 / 1414.24	5.5	SHC22E1B24F0800
2pr	x	1.5	0.6 / 15.8	263.42 / 392.01	16	SHC22E3A02F0800
4pr	x	1.5	0.7 / 18.4	365.02 / 543.21	11.2	SHC22E3A04F0800
5pr	x	1.5	0.8 / 20.3	422.38 / 628.58	11.2	SHC22E3A05F0800
7pr	x	1.5	0.9 / 21.9	504.42 / 750.66	11.2	SHC22E3A07F0800
10pr	x	1.5	1.1 / 28.1	724.68 / 1078.44	11.2	SHC22E3A10F0800
12pr	x	1.5	1.1 / 28.9	796.78 / 1185.74	11.2	SHC22E3A12F0800
14pr	x	1.5	1.2 / 30.6	900.77 / 1340.5	9.6	SHC22E3A14F0800
2pr	x	2.5	0.7 / 17.6	324.98 / 483.63	21	SHC22E5A02F0800
4pr	x	2.5	0.8 / 20.5	460.04 / 684.61	14.7	SHC22E5A04F0800
5pr	x	2.5	0.9 / 22.4	520.26 / 774.23	14.7	SHC22E5A05F0800
7pr	x	2.5	1 / 24.5	643.83 / 958.12	14.7	SHC22E5A07F0800
10pr	x	2.5	1.2 / 31.4	925.24 / 1376.91	14.7	SHC22E5A10F0800
12pr	x	2.5	1.3 / 32.4	1024.82 / 1525.1	14.7	SHC22E5A12F0800
2tr	x	0.5	0.5 / 13.9	208.59 / 310.41	7.2	SHC32E1A02F0800
4tr	x	0.5	0.6 / 15.8	271.86 / 404.57	6.3	SHC32E1A04F0800
5tr	x	0.5	0.7 / 17.4	312.41 / 464.91	6.3	SHC32E1A05F0800
7tr	x	0.5	0.7 / 18.8	365.87 / 544.48	6.3	SHC32E1A07F0800
10tr	x	0.5	0.9 / 24	523 / 778.32	5.4	SHC32E1A10F0800
12tr	x	0.5	1 / 24.7	569.54 / 847.56	5.4	SHC32E1A12F0800
14tr	x	0.5	1 / 25.9	627.32 / 933.55	5.4	SHC32E1A14F0800

SH-HFA (I) 150/250 V Armoured Individually and Overall Screened Pairs & Triads (LSZH), HF90/SHF1

NUMBER OF CONDUCTORS	X	SIZE OF CONDUCTORS	NOMINAL OD OVERALL CABLE	CABLE WEIGHT	AMPACITY	SHAWFLEX PART NUMBER
(c)		*(mm^2)*	*(in/mm)*	*(lbs/1000ft) / (kg/km)*	*(45°C ambient)*	
19tr	x	0.5	1.1 / 28.9	769.63 / 1145.33	4.5	SHC32E1A19F0800
2tr	x	0.75	0.6 / 14.8	236.11 / 351.37	8.8	SHC32E1B02F0800
4tr	x	0.75	0.7 / 17.1	324 / 482.16	7.7	SHC32E1B04F0800
5tr	x	0.75	0.7 / 18.5	364.03 / 541.74	7.7	SHC32E1B05F0800
7tr	x	0.75	0.8 / 20.3	445.41 / 662.84	7.7	SHC32E1B07F0800
10tr	x	0.75	1 / 25.6	622.35 / 926.16	6.6	SHC32E1B10F0800
12tr	x	0.75	1 / 26.4	682.19 / 1015.21	6.6	SHC32E1B12F0800
14tr	x	0.75	1.1 / 28	771.94 / 1148.77	6.6	SHC32E1B14F0800
19tr	x	0.75	1.2 / 31.2	957.1 / 1424.32	5.5	SHC32E1B19F0800
2tr	x	1.5	0.7 / 17.7	324.53 / 482.96	12.8	SHC32E3A02F0800
4tr	x	1.5	0.8 / 20.7	458.38 / 682.15	11.2	SHC32E3A04F0800
5tr	x	1.5	0.9 / 22.5	518.13 / 771.05	11.2	SHC32E3A05F0800
7tr	x	1.5	1 / 24.7	640.6 / 953.32	11.2	SHC32E3A07F0800
10tr	x	1.5	1.2 / 31.6	921.37 / 1371.15	9.6	SHC32E3A10F0800
12tr	x	1.5	1.3 / 32.6	1019.81 / 1517.64	9.6	SHC32E3A12F0800
2tr	x	2.5	0.8 / 19.5	395.16 / 588.06	16.8	SHC32E5A02F0800
4tr	x	2.5	0.9 / 22.8	572.43 / 851.87	14.7	SHC32E5A04F0800
5tr	x	2.5	1 / 25.2	665.49 / 990.35	14.7	SHC32E5A05F0800
7tr	x	2.5	1.1 / 27.6	831.57 / 1237.52	14.7	SHC32E5A07F0800

*Ampacity value based on ABS Rules for Building and Classing Steel Vessels, Version 2023, Table-6. Values are corrected according to Table 6 for number of Conductors.
**Available in both American Wire Gauge (AWG) and Metric wire conductor sizes

SHAWFLEX

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