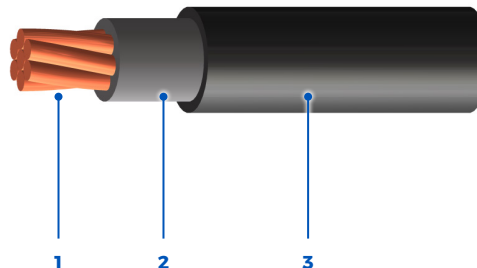


UL HD-RHW-2, Single Conductor, 600 V

Heavy Duty provides an extra level of reliability and is suitable for use in ventilated, non-ventilated and ladder type cable trays, direct burial and raceways. Applicable for use in Utilities, Industrial and Commercial applications.

Standards:



1 – High Strand Bare
Copper Conductors
(Tin-coated Available)

2 – Ethylene Propylene
Rubber (EPR) (RHW-2 Rated)
Insulated Conductor

3 – Thermoplastic CPE
Protective Jacket

Product Construction

Insulation:

- EPR (RHW-2 rated)
rated: 90°C wet/dry

Jacket:

- Thermoplastic CPE black
outer jacket (standard)
rated: 90°C

Available in:

- Custom insulation/
jacket colors

Certification/ Compliances

- UL 44, Thermoset
Insulated Wires
and Cables
- UL 1685/ FT4, Vertical
Tray Flame Test rated
- IEEE 1202/383 (70,000
BTU/hr), Vertical Flame
Test rated
- ICEA T-30-520 (70,000
BTU/hr), Vertical Flame
Test rated
- EPR (RHW-2 rated),
90°C wet/dry
- UV sunlight resistant
“SUN RES” (all colors)
- -40°C cold bend rated
- Rated for use in hazardous
locations:
 - Class I Zone 2 (Div 2)
 - Class II Zone 20, 21 (Div 1)
 - Class II Zone 22 (Div 2)

600 V

Voltage
(Optional: 2000 V)

Color Coding

- Black conductors (standard)

UL Type RHW-2

Power

UL HD-RHW-2, Single Conductor, 600 V

PART NUMBER	NUMBER OF CONDUCTORS	CONDUCTOR SIZE	NOMINAL DIAMETER OVERALL CABLE	CABLE WEIGHT	AMPACITY	MAX PULLING TENSION (PULLING EYE)	MIN BEND RADIUS (PULL)
		(AWG/kcmil)	(in/mm)	(lbs/1000ft) (kg/km)	(30°C ambient)	(lb/kg)	(in/mm)
2Q010U140100400	1	14	0.205 / 5.2	30 / 44	25	33 / 15	1.8 / 47
2Q010U120100400	1	12	0.223 / 5.6	40 / 59	30	52 / 24	2.0 / 51
2Q010U100100400	1	10	0.248 / 6.3	55 / 81	40	83 / 38	2.2 / 57
2Q010U080100400	1	8	0.337 / 8.6	94 / 140	55	132 / 60	3.0 / 77
2Q010U060100400	1	6	0.374 / 9.5	130 / 194	75	210 / 95	3.4 / 85
2Q010U040100400	1	4	0.421 / 10.7	188 / 279	95	334 / 151	3.8 / 96
2Q010U030100400	1	3	0.448 / 11.4	230 / 342	115	421 / 191	4.0 / 102
2Q010U020100400	1	2	0.479 / 12.2	274 / 408	130	531 / 241	4.3 / 109
2Q010U010104000	1	1	0.588 / 14.9	374 / 557	145	670 / 304	5.3 / 134
2Q010U1/0140400	1	1/0	0.628 / 16.0	454 / 676	170	845 / 383	5.7 / 144
2Q010U2/0140400	1	2/0	0.671 / 17.0	550 / 819	195	1065 / 483	6.0 / 153
2Q010U3/0140400	1	3/0	0.722 / 18.3	671 / 998	225	1336 / 606	6.5 / 165
2Q010U4/0140400	1	4/0	0.778 / 19.8	825 / 1228	260	1693 / 768	7.0 / 178
2Q010U250160400	1	250	0.894 / 22.7	1006 / 1497	290	2000 / 907	8.0 / 204
2Q010U300160400	1	300	0.947 / 24.1	1182 / 1760	320	2400 / 1089	8.5 / 216
2Q010U350160400	1	350	0.997 / 25.3	1345 / 2001	350	2800 / 1270	9.0 / 228
2Q010U500160400	1	500	1.125 / 28.6	1843 / 2743	430	4000 / 1814	10.1 / 257
2Q010U750160400	1	750	1.334 / 33.9	2709 / 4032	535	6000 / 2722	12.0 / 305

*Ampacity value based on National Electrical Code, Version 2020, Table 310.16.