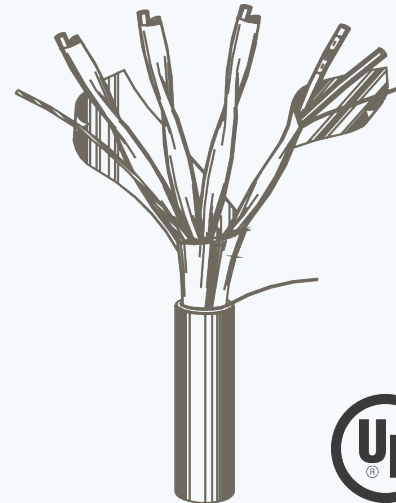


PRODUCT UPDATE

FR EPR

CONTROL, POWER, INSTRUMENTATION & TRAY CABLE



FOR USE WHERE FLAME RETARDANCE, OIL AND MOISTURE/CHEMICAL RESISTANCE ARE CRITICAL. FR EPR CABLES CAN BE INSTALLED IN CABLE TRAY, FREE AIR, IN RACEWAYS OR IN DIRECT BURIAL APPLICATIONS. APPROVED FOR INDOOR/ OUTDOOR, WET OR DRY LOCATIONS AS WELL AS INDUSTRIAL CLASS I ZONE 2 HAZARDOUS LOCATIONS.

FEATURES

- 90°C WET/DRY
- EXCELLENT ELECTRICAL, THERMAL & PHYSICAL PROPERTIES
- RESISTANT TO FLAME, OIL, CRUSH, COMPRESSION, CUTS & HEAT DEFORMATION
- -40°C COLD BEND
- RATED FOR USE IN EXPOSED RUNS (ER RATING)

APPLICATIONS

- POWER
- CONTROL
- INSTRUMENTATION
- TRAY

APPROVALS

- UL 1277
- UL 44 (RHW-2) / UL 66 (RFH-2)
- ICEA S-73-532
- ICEA S-95-658
- ER RATED
- UL 1685
- IEEE 1202/FT4
- ICEA T29-520 (210,000 BTU)
- VW-1

FR EPR CABLES

| | POWER & CONTROL | INSTRUMENTATION |
|---|--------------------|-----------------|
| CHARACTERISTICS: | | |
| FLAME RETARDANT (FT4/IEEE 1202, UL 1685) | ✓ | ✓ |
| SUNLIGHT RESISTANT | ✓ | ✓ |
| WET RATED | ✓ | ✓ |
| -40 COLD BEND | ✓ | ✓ |
| DIRECT BURIAL | ✓ | ✓ |
| CRUSH & IMPACT RESISTANT | ✓ | ✓ |
| VOLTAGE RATINGS: | | |
| 600V (UL ONLY) | ✓ | ✓ |
| 300V, 1kV, 2kV (ICEA ONLY) | ✓ | ✓ |
| GAUGE SIZES: | | |
| TINNED COPPER PAIRS & TRIADS | - | 22 AWG - 14 AWG |
| TINNED COPPER MULTI-CONDUCTOR | 18 AWG - 750 KCMIL | - |
| JACKETING OPTIONS: | | |
| CPE JACKET | ✓ | ✓ |
| HYPALON® JACKET | ✓ | ✓ |
| LSZH JACKET | ✓ | ✓ |
| PVC LAG JACKET | ✓ | ✓ |
| INSULATION OPTIONS: | | |
| FR EPR INSULATION | ✓ | ✓ |
| SHIELDING OPTIONS: | | |
| COPPER TAPE | ✓ | ✓ |
| ISOS ALUMINUM MYLAR | - | ✓ |
| OS ALUMINUM MYLAR | ✓ | ✓ |