

EPR/CPE Shielded Multipair



Product Description

FR-EPR insulation
CPE jacket
90°C, 600 V

Applications

For use indoors or outdoors and for installation in trays, troughs, channels, ducts and direct burial. Designed for telemetering, signals, relays and communication.

Specifications

- CONDUCTORS: Annealed, tinned copper in accordance with ASTM B-3 and B-33, concentric stranded, Class B per ASTM B-8
- INSULATION: Ethylene Propylene Rubber (EPR), UL Rated VW-1 conductors
- PAIRS/TRIADS: Each pair/triad is twisted and color coded: pairs black/white, triads black/white/red with alphanumeric designation (1-ONE)
- ASSEMBLY: The individually shielded pairs are cabled together with non-hygroscopic and flame-retardant fillers as necessary to form a circular cross section of the assembly, a binding tape, when required, shall be applied over cable core
- SHIELDING: The entire cable assembly is shielded with polyester backed/aluminum tape and tinned copper drain wire
- OVERALL JACKET: Flame-retardant thermoplastic Chlorinated Polyethylene (CPE)
- STANDARDS: UL listed as Type TC-ER for (3+ conductors) UL 1277. Cable passes UL 1685 70,000 Btu/hr, ICEA T-29-520, 210,000 Btu/hr and flame test FT4/IEEE 1202/383. Sunlight resistant and rated for direct burial
- TEMPERATURE: 90°C
- VOLTAGE: 600 V

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POS-Pair(s) Overall Shield. SPOS-Shielded Pair with Overall Shield. TOS-Triad(s) Overall Shield. Diameters and weights vary among manufacturers.

Part No.	Conductor Size AWG	No. of Pairs	No. of Triads	Insulation Thickness (in.)	Overall Jacket Thickness (in.)	Nom. O.D. (in.)	Approx. Wt. lb./1,000 ft.
2MR-1601POS	16	1		0.025	0.045	0.318	59
2MR-1601TOS	16		1	0.025	0.045	0.336	75
2MR-1602POS	16	2		0.025	0.045	0.506	92
2MR-1604POS	16	4		0.025	0.060	0.627	220
2MR-1602SPOS	16	2		0.025	0.060	0.583	166
2MR-1603SPOS	16	3		0.025	0.060	0.591	189
2MR-1604SPOS	16	4		0.025	0.060	0.638	231
2MR-1606SPOS	16	6		0.025	0.080	0.775	295
2MR-1608SPOS	16	8		0.025	0.080	0.865	416
2MR-1612SPOS	16	12		0.025	0.080	1.047	581
2MR-1624SPOS	16	24		0.025	0.080	1.393	1,067
2MR-1636SPOS	16	36		0.025	0.110	1.735	1,419

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