

XLP/TC CPE Shielded Multipair



Product Description

XLP insulation
TS-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: Flame-retardant cross-linked polyethylene (XLP), per ICEA S-82-552 (NEMA WC55), 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 Thermoset Chlorinated Polyethylene (TS CPE)
- STANDARDS: Meets the requirements of UL 1277. For type TC (tray cable) finished cable passes UL 1685 70,000 Btu and ICEA T-29-520 210,000 Btu flame tests, UL Listed as 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 may 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.
2RH-1601POS	16	1	1	0.030	0.045	0.340	66
2RH-1601TOS	16			0.030	0.045	0.365	85
2RH-1602POS	16	2		0.030	0.045	0.590	116
2RH-1603POS	16	3		0.030	0.060	0.640	185
2RH-1604POS	16	4		0.030	0.060	0.690	229
2RH-1606POS	16	6		0.030	0.060	0.735	320
2RH-1608POS	16	8		0.030	0.080	0.920	443
2RH-1612POS	16	12		0.030	0.080	1.085	611
2RH-1624POS	16	24		0.030	0.080	1.475	1,130
2RH-1636POS	16	36		0.030	0.080	1.600	1,728
2RH-1602SPOS	16	2	1	0.030	0.060	0.595	130
2RH-1603SPOS	16	3		0.030	0.060	0.640	185
2RH-1604SPOS	16	4		0.030	0.060	0.690	230
2RH-1606SPOS	16	6		0.030	0.060	0.735	320
2RH-1608SPOS	16	8		0.030	0.080	0.920	443
2RH-1612SPOS	16	12		0.030	0.080	1.085	611
2RH-1624SPOS	16	24		0.030	0.080	1.475	1,130
2RH-1636SPOS	16	36		0.030	0.110	1.600	1,728
2RH-1401POS	14	1		0.030	0.045	0.375	75
2RH-1401TOS	14			0.030	0.045	0.375	105

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