

ROME POWER LIMITED TRAY CABLE Type PLTC, Type ITC

Instrument Cable, Multiple Shielded Pairs, 300V

FR-XLPE Insulation, Multiple Shielded Pairs, Overall Shield, CPE Jacket

<p>APPLICATION: Indoor or outdoor use in industrial automation, hazardous locations, programmable logic control, fire/life safety building control circuits, analog and digital signaling, and outdoor above ground applications. Rated 300 volts and -20°C to 90°C, dry locations.</p> <p>RATINGS: UL 13 - Type PLTC/CL3 UL 1424 - Type FPL UL 2250 Type 2250 UL/IEEE 383 - 70,000 BTU/hr ICEA T-29-520 - 210,000 BTU/hr IEEE 1202/FT4 Flame Test</p> <p>NEC Articles: 725 - Remote Control, Signaling 760 - Fire Alarm Systems 500 - Hazardous Locations 392 - Cable Trays</p> <p>CONSTRUCTION: 18-16 AWG stranded bare copper, FR-XLPE insulation, color coded, aluminum / polyester foil tape plus tinned copper drain shielded pairs, overall aluminum / polyester foil tape plus tinned copper drain, black CPE jacket, surface printed.</p>						
No. of Pairs	Size / Strands	Insulation Thickness Mils	Jacket Thickness Mils	Nominal OD Inches	Capacitance (pF / ft)	Weight lb/1000 ft
2	18 7/Str	15	40	.285	31	51
4	18 7/Str	15	50	.405	31	97
8	18 7/Str	15	50	.505	31	173
12	18 7/Str	15	50	.600	31	250
24	18 7/Str	15	50	.805	31	465
2	16 7/Str	15	40	.320	34	70
4	16 7/Str	15	50	.455	34	137
8	16 7/Str	15	50	.575	34	248
12	16 7/Str	15	60	.700	34	370
24	16 7/Str	15	70	.960	34	714

- Notes:
1. Class 2 and 3 power-limited circuits as defined in Article 725.
 2. Class I, Division 2 Hazardous Locations per Article 501.4(B).
 3. Aerial use permitted with messenger.
 4. Jacket is a gas/vapor-tight continuous sheath.
 5. Pair identified with alpha/numeric print.
 6. 2 pair construction use common axis cabling to reduce overall diameter. If cross-talk or induced voltage is a concern, common axis cabling should not be used.
 7. Nominal capacitance measured between conductors.

Color Code	No.	Pair Color
	1	Black
	2	White