

ROME INSTRUMENTATION POWER LIMITED TRAY CABLE Type PLTC

Instrumentation Cable, Shielded, 300V

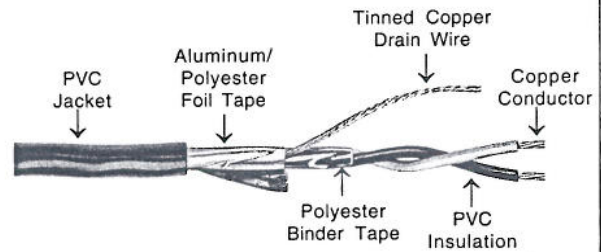
PVC Insulation, Single Pair / Traid, Overall Shield, PVC Jacket

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. Exceeds UL 1581, Section 1164-FT4 flame test for cables installed as general purpose wiring. Rated 300 volts and -20°C to 105°C, dry locations.

RATINGS:
 UL 13 - Type PLTC/CL3
 UL 1424 - Type FPL
 UL/IEEE 383-70,000 BTU
 ICEA T-29-520-210,000 BTU
 CSA C22.2 No. 0.3
 CSA C22.2 No. 214
 CSA - Type CMG

NEC Articles:
 725 - Remote Control, Signaling
 760 - Fire Alarm Systems
 500 - Hazardous Locations
 392 - Cable Trays

CONSTRUCTION: 22 - 14 AWG stranded bare copper, PVC insulation, color coded, polyester binder, aluminum / polyester foil tape plus tinned copper drain, black PVC jacket, surface printed.



No. of Conductors	Size / Strands	Insulation Thickness Mils	Jacket Thickness Mils	Nominal OD Inches	Capacitance (pF / ft)	Weight lb/1000 ft
2	22 7/Str	15	35	.183	40	21
2	20 7/Str	15	35	.197	45	26
2	18 7/Str	15	35	.217	51	32
2	16 7/Str	15	35	.241	57	41
2	14 7/Str	15	35	.261	64	56
3	22 7/Str	15	35	.191	39	26
3	20 7/Str	15	35	.207	44	31
3	18 7/Str	15	35	.228	50	39
3	16 7/Str	15	35	.253	56	52
3	14 7/Str	15	40	.295	63	75

- 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. Nominal capacitance measured between conductors.

Color Code	No.	Color
	1	Black
	2	White
	3	Red

Information on this sheet subject to change without notice.