Rome Cable
CORPORATION

SPEC 4135

January 1, 2002

ROME INSTRUMENTATION TRAY CABLE Type TC

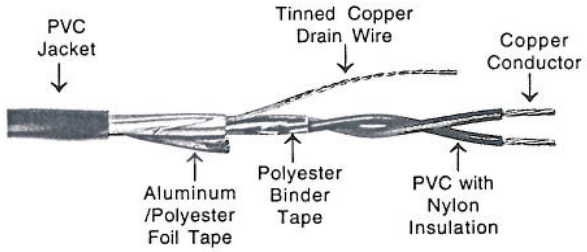
Multiple Conductor Tray Cable, Shielded, 600V, TC
PVC with Nylon Insulation, Single Pair / Traid, Overall Shield, PVC Jacket

APPLICATION: Indoor or outdoor use in power and control circuits, lighting and signal circuits, hazardous locations, industrial distribution systems and direct burial/wet locations. Exceeds UL 1581, Section 1160 vertical tray flame test. Listed for use in cable trays and raceways. Rated 600 volts, -20°C to 90°C dry and 75°C wet.

RATINGS:
UL 1277 - Type TC
UL 62 – Type TFN
UL 83 - Type THHN/THWN
UL 1581/IEEE 383 – 70,000 BTU
ICEA T-29-520 – 210,000 BTU
Sunlight Resistant
Direct Burial

NEC Articles:
336 – Power & Control Tray Cable
500 – Hazardous Locations
300 – General Wiring
392 – Cable Trays

CONSTRUCTION: 18 – 12 AWG stranded bare copper, PVC with nylon insulation, color coded, cabled, polyester binder, overall aluminum / polyester foil tape plus tinned copper drain, black PVC jacket, surface printed.



No. of Conductors	Size / Strands	Insulation Thickness Mils (PVC/Nylon)	Jacket Thickness Mils	Nominal OD Inches	Capacitance (pF / ft)	Weight lb/1000 ft
2	18 7/Str	15/5	45	.268	39	42
2	16 7/Str	15/5	45	.293	44	54
2	14 7/Str	15/5	45	.323	50	71
2	12 7/Str	15/5	45	.361	56	90
3	18 7/Str	15/5	45	.283	39	51
3	16 7/Str	15/5	45	.308	44	66
3	14 7/Str	15/5	45	.340	50	88
3	12 7/Str	15/5	45	.381	56	116

Notes:
1. Class 1 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.