

## ROME TRAY CABLE Type TC

Instrument Cable, Shielded, 600V, TC  
FR-XLPE Insulation, Multiple Pairs, Overall Shield, CPE Jacket

<p>APPLICATION: Indoor or outdoor use in process instrumentation, power and control circuits, hazardous locations, programmable logic control, analog and digital signaling and direct burial / wet locations. Listed for use in cable tray and raceways. Rated 600 volts, -20°C to 90°C dry and wet.</p> <p>RATINGS: UL 1277 - Type TC UL 44 - 90°C Wet or Dry, VW-1 UL/IEEE 383 - 70,000 BTU ICEA T-29-520 - 210,000 BTU Sunlight Resistant</p> <p>NEC Articles: 336 - Power &amp; Control Tray Cable 500 - Hazardous Locations 300 - General Wiring 392 - Cable Trays</p> <p>CONSTRUCTION: 18 - 16 AWG stranded tin coated copper, FR-XLPE insulation, color coded, cabled 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)	Approx. Net Wt. lb/1000 ft
2	18 7/Str	30	45	.374	22	45
4	18 7/Str	30	60	.538	22	126
8	18 7/Str	30	60	.681	22	218
12	18 7/Str	30	80	.847	22	400
2	16 7/Str	30	45	.406	25	91
4	16 7/Str	30	60	.586	25	183
8	16 7/Str	30	60	.745	25	321
12	16 7/Str	30	80	.925	25	497
24	16 7/Str	30	80	1.242	25	916

- 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 w/messenger.
  4. Jacket is a gas/vapor tight continuous sheath.
  5. Drain wire one size smaller than circuit conductors.
  6. Pair identified with alpha numeric print.
  7. 2 pair construction use common axis cabling to reduce overall diameter.
  8. Nominal capacitance measured between conductors.

Color Code	No.	Color
	1	Black
	2	White