Rome Cable
CORPORATION

SPEC 4137

January 1, 2003

ROME TRAY CABLE Type TC

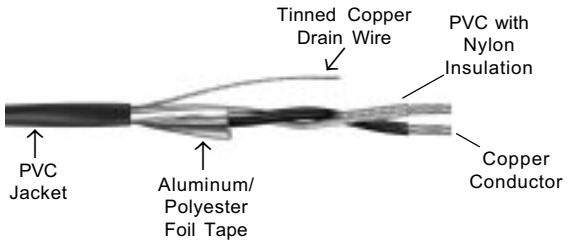
Instrument Cable, Shielded, 600V, TC
PVC with Nylon Insulation, Multiple Pairs, Overall Shield, PVC Jacket

APPLICATION: Indoor or outdoor use in process instrumentation, power control circuits, hazardous locations, programmable logic control, analog and digital signaling and direct burial/wet locations. 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/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 - 16 AWG stranded bare copper, PVC with nylon insulation, color coded, cabled pairs, overall aluminum/polyester foil tape plus tinned copper drain, black PVC jacket, surface printed.



No. of Pairs	Size / Strands	Insulation Thickness Mils (PVC/Nylon)	Jacket Thickness Mils	Nominal OD Inches	Capacitance (pF / ft)	Approx. Net Wt. lb/1000 ft
2	18 7/Str	15/5	45	.310	39	62
4	18 7/Str	15/5	45	.436	39	105
6	18 7/Str	15/5	60	.549	39	160
8	18 7/Str	15/5	60	.593	39	195
12	18 7/Str	15/5	60	.713	39	272
16	18 7/Str	15/5	60	.789	39	368
20	18 7/Str	15/5	80	.915	39	480
24	18 7/Str	15/5	80	1.013	39	557
36	18 7/Str	15/5	80	1.154	39	772
50	18 7/Str	15/5	80	1.353	39	1035
2	16 7/Str	15/5	45	.339	40	80
4	16 7/Str	15/5	45	.482	40	138
6	16 7/Str	15/5	60	.607	40	210
8	16 7/Str	15/5	60	.656	40	260
12	16 7/Str	15/5	60	.792	40	393
16	16 7/Str	15/5	80	.919	40	533
20	16 7/Str	15/5	80	1.016	40	637
24	16 7/Str	15/5	80	1.127	40	754
36	16 7/Str	15/5	80	1.287	40	1063
50	16 7/Str	15/5	80	1.512	40	1418

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 that 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

Information on this sheet subject to change without notice.