

Communication and Control Cable

Description:

- ASTM Tinned Copper
- PVC insulation
- Cabled construction
- Overall shield 100% coverage of aluminum polyester foil with TC drain wire
- Overall 75° C PVC jacket
- Standard spool size 1000 feet

Rating as per NEC:

- UL or C(UL)⁺ listed NEC Type CMR
- Constructed in accordance with UL Standard 444
- Listed as being resistant to the spread of fire as defined in section 800 – 51 (b) of the National Electric Code; UL 1666 Vertical Shaft (riser) Flame Test.
- Temperature range: –20° C to 75° C dry locations
- Meets 300 volt requirement as specified in section 800 – 51 of the NEC

Applications:

Indoor (non–conduit per NEC) for:

- Intercom Systems
- Security Systems
- Sound and Audio
- Background Music
- Power–Limited Control Circuits

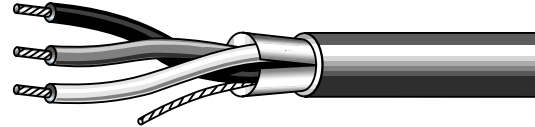
Color Code:

Conductors: 1. Black, 2. Red, 3. White

Jacket: Gray

Special Notes:

+C(UL) CMR Canadian UL accepted mark replaces PCC–FT4



Mechanical Characteristics	
Conductors	3
AWG Size and Stranding	18 (7 x 26)
Nom. Insulation Thickness	.010 inch (.25 mm)
Nom. Jacket Thickness	.015 inch (.38 mm)
Nominal O.D.	.178 (4.52 mm)
Drain Wire Size	20 (7 x 28)

Electrical Characteristics (Calculated Quantities)		
Capacitance	pf* per foot	68
	pf* per meter	223
	pf** per foot	122
	pf** per meter	400
Nom. D.C.R. (resistance) @ 20° C		6.6 Ω per 1000 ft.

CAUTION: Dry locations only. The electronic characteristics of this cable may change due to excessive tension, crushing, and application of pulling compounds during installation.

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