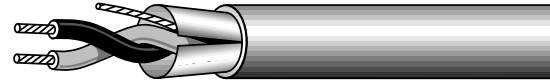


**Communication and Control Cable**



**Description:**

- ASTM Tinned Copper
- PVC insulation
- Short overall twist lengths
- 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)<sup>+</sup> 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  
**Jacket:** Gray Other jacket colors are available

**Special Notes:**

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

<b>Mechanical Characteristics</b>	
<b>Conductors</b>	2
<b>AWG Size and Stranding</b>	22 solid
<b>Nom. Insulation Thickness</b>	.010 inch (.25 mm)
<b>Nom. Jacket Thickness</b>	.015 inch (.38 mm)
<b>Nominal O.D.</b>	.123 inch (3.12 mm)
<b>Drain Wire Size</b>	24 (7 x 32)

<b>Electrical Characteristics</b> (Calculated Quantities)		
<b>Capacitance</b>	pf* per foot	55
	pf* per meter	180
	pf** per foot	99
	pf** per meter	325
<b>Nom. D.C.R. (resistance) @ 20° C</b>		17.5 Ω per 1000 ft.

\*Capacitance between conductors

\*\*Capacitance between one conductor and the others connected to the shield

**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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