

**Communication and Control Cable**

**Description:**

- Sound and audio special cable
- ASTM tinned copper
- PVC insulation
- Short overall twist lengths
- One pair shielded 100% coverage of aluminum polyester foil with 22 AWG solid TC drain wire
- One unshielded conductor
- 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 (c) of the National Electric Code; UL 1666 Vertical Tray 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:

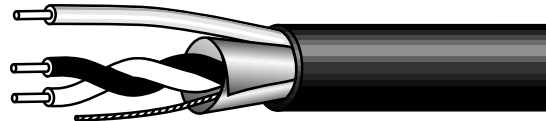
- Intercom Systems
- Security Systems
- Sound and Audio
- Background Music
- Power—Limited Control Circuits

**Color Code:**

Shielded Pair:  
 1. Black, 2. Red  
 Unshielded Pair:  
 1. White  
 Jacket: Gray

**Special Notes:**

<sup>+</sup>C(UL) CMR Canadian UL accepted mark replaces PCC-FT4



Construction	
Number of Conductors	3 ( 2 shld, 1 unshld)
AWG Size and Stranding	22 Solid
Nom. Insulation Thickness	.010 inch (.25 mm)
Shield Coverage	100% Aluminum Polyester Foil
Nom. Jacket Thickness	.015 inch (.38 mm)
Nominal O.D.	.159 (4.03 mm)
Drain Wire Size	22 Solid

Electrical Characteristics (Calculated Quantities)		
Capacitance	pf* per foot	54
	pf* per meter	177
	pf** per foot	97
	pf** per meter	318
Nom. D.C.R. (resistance) @ 20° C		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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