

Description:

6 /C 16 AWG Stranded Tinned Copper, FEP Insulation, Overall Aluminum/Polyester Shield, TC Braid Shield, and FEP Jacket.

A. Construction:

- 1.0 Pair: 16 AWG
- 1.1 Conductor: 16 AWG 19/.0117" Tin Copper; OD: .056" Nom.
  - 1.2 Insulation: .007" Wall FEP; OD: .070" Nom.
  - 1.3 Color Code: Black, White, Red, Green, Orange, Blue
  - 1.4 Separator: Polyester Tape
  - 1.5 Shield #1: Aluminum/Polyester Tape- 25% Overlap; (Foil Side Out)
  - 1.6 Shield #2: 36 AWG Tinned Copper Braid- 85 % Coverage
  - 1.7 Jacket: .014" Wall FEP; Color: Red  
OD: .270" Nom.


- 2.0 Marking: Surface Print:  
GENERAL CABLE (F) C8108 6C 16 AWG SHIELDED CMP (UL) c(UL) --- ROHS AAAAA\*  
\* Indicates Shop Order Number

B. Electrical Characteristics:

- 1.0 Conductor Resistance: 4.4 Ω/1000 ft Nom.
- 2.0 Outer Shield Resistance: 2.87 Ω/1000 ft Nom.
- 4.0 Mutual Capacitance: 33 pF/ft Nom. (Cond to Cond)
- 5.0 Capacitance: 61 pF/ft Nom @ 1 KHz (Cond to other Cond & Shield)
- 6.0 Velocity of Propagation: 69% Nom.
- 7.0 Time Delay: 1.47 ns/ft

C. Agency Approvals:

UL –CMP; C(UL) CMP 150C  
  
Temperature Range: -70°C to +200°C  
Voltage Rating: 300V Max.  
RoHS Compliant

REV	DATE	CHANGE DETAIL		<b>General Cable</b> 20 Forge Park, Franklin, Ma 02038 Phone: 508-541-7100 Fax: 508-541-8122	
			Title:	<b>C8108</b>	
			Description:	6 Cond 16 AWG Foil & Braid Shielded, Jacketed - Plenum Cable	
			Eng Approval:		
			Mktg Approval:		
A	06/22/09	First Release-DB	Final Approval:	<i>R. Brodeur</i>	PAGE 1 of 1

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