

Description:

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

- A. Construction:
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|-----|-------------|---|
| 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 AAAAAA*
* Indicates Shop Order Number
- B. Electrical Characteristics:
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|-----|--------------------------|--|
| 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

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

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