

Description:

2 /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
- 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, or as requested
OD: .198" Nom.

2.0 Marking: Surface Print:

GENERAL CABLE (F) C8111 2C 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: 2.7 Ω /1000 ft Nom.
- 4.0 Mutual Capacitance: 35 pF/ft Nom. (Cond to Cond)
- 5.0 Capacitance: 63 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

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:	C8111			
			Description:	2 Cond 16 AWG Foil & Braid Shielded, Jacketed - Plenum Cable			
		Eng Approval:					
		Mktg Approval:					
A	06/30/09	First Release-DB	Final Approval:	VM – 7/1/09		PAGE 1 of 1	

General Cable reserves the right to modify this information without prior notification and does not make a warranty or representation of any kind, whether implied or expressed with respect to the information contained herein. General Cable assumes no risks, and will not be liable for direct or indirect, special; incidental or consequential damages, any defect or personal injury resulting from the use of this document.