

Description:

4 /C 18 AWG Stranded Tinned Copper, FEP Insulation, Overall Aluminum/Polyester Shield, TC Braid Shield, and FEP Jacket.

A. Construction:

- 1.0 Pair: 18 AWG
- 1.1 Conductor: 18 AWG 19/30 Tin Copper; OD: .048" Nom.
  - 1.2 Insulation: .007" Wall FEP; OD: .062" Nom.
  - 1.3 Color Code: Black, White, Red, Green
  - 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: .206" Nom.


2.0 Marking: Surface Print:  
GENERAL CABLE (F) C8110 4C 18 AWG SHIELDED CMP (UL) c(UL) --- ROHS AAAAA\*  
\* Indicates Shop Order Number

B. Electrical Characteristics:

- 1.0 Conductor Resistance: 6.2 Ω/1000 ft Nom.
- 2.0 Outer Shield Resistance: 4.0 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

REV	DATE	CHANGE DETAIL		<b>General Cable</b> 20 Forge Park, Franklin, Ma 02038 Phone: 508-541-7100 Fax: 508-541-8122	
			Title:	<h1>C8110</h1>	
			Description:		
			Eng Approval:		
			Mktg Approval:		
A	06/30/09	First Release-DB	Final Approval:	VM – 7/1/09	PAGE 1 of 1