## Description:

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

## A. <u>Construction:</u>

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. <u>Electrical Characteristics:</u>

1.0 Conductor Resistance: 6.2  $\Omega$ /1000 ft Nom. 2.0 Outer Shield Resistance: 4.0  $\Omega$ /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. <u>Agency Approvals:</u> UL –CMP; C(UL) CMP

Temperature Range: -70°C to +200°C Voltage Rating: 300V Max.

RoHS Compliant

R E V	DATE	CHANGE DETAIL		Cable General Cable		General Cable 20 Forge Park, Franklin, Ma 02038 Phone: 508-541-7100 Fax: 508-541-8122	
			Title:	C8110			
			Description:	4 Cond 18 AWG Foil & Braid Shielded, Jacketed - Plenum Cable			
			Eng Approval:				
			Mktg Approval:				
Α	06/30/09	First Release-DB	Final Approval:	VM - 7/1	/09		PAGE 1 of 1

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