

Description:

3 /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
- 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: .190" Nom.

2.0 Marking: Surface Print:

GENERAL CABLE (F) C8107 3C 18 AWG SHIELDED CMP (UL) c(UL) --- ROHS AAAAA*

* Indicates Shop Order Number

B. Electrical Characteristics:

- 1.0 Conductor Resistance: 6.22 Ω /1000 ft Nom.
- 2.0 Outer Shield Resistance: 3.90 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			General Cable 20 Forge Park, Franklin, Ma 02038 Phone: 508-541-7100 Fax: 508-541-8122		
				Title:	C8107		
				Description:	3 Cond 18 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	

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