

Description:

3 /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, 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: .209" Nom.

2.0 Marking: Surface Printed:

GENERAL CABLE (F) C8119 3C 16 AWG SHIELDED CMP (UL) c(UL) --- ROHS AAAAA\*

\* Indicates Shop Order Number

B. Electrical Characteristics:

1.0	Conductor Resistance:	4.4 $\Omega$ /1000 ft Nom.
2.0	Outer Shield Resistance:	2.7 $\Omega$ /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. 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			<div>General Cable</div> <div>20 Forge Park, Franklin, Ma 02038</div> <div>Phone: 508-541-7100 Fax: 508-541-8122</div>		
			Title:	C8119			
			Description:	3 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	

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