

Description:

2 /C 24 AWG Stranded Tinned Copper, Foam FEP Insulation, Overall Aluminum/Polyester Shield, TC Braid Shield, and FEP Jacket.

- A. Construction:
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|-----|-------------|---|
| 1.0 | Pair: | 24 AWG |
| 1.1 | Conductor: | 24 AWG 7/32 Tin Copper; OD: .024" Nom. |
| 1.2 | Insulation: | .026" Wall Foam FEP; OD: .076" Nom. |
| 1.3 | Color Code: | White/Blue- Blue/White |
| 1.4 | Shield #1: | Aluminum/Polyester Tape- 25% Overlap; (Foil Side Out) |
| 1.5 | Shield #2 | Tinned Copper Braid- 90 % Coverage |
| 1.6 | Jacket: | .014" Wall FEP; Color: Red, or as requested
OD: .208" Nom. |
- 2.0 Marking: Surface Print:
GENERAL CABLE (F) C8117 2C 24 AWG SHIELDED CMP (UL) c(UL) --- ROHS AAAAAA*
* Indicates Shop Order Number


B. Electrical Characteristics:

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|-----|--------------------------|--|
| 1.0 | Conductor Resistance: | 26.50 Ω /1000 ft Nom. |
| 2.0 | Outer Shield Resistance: | 3.10 Ω /1000 ft Nom. |
| 4.0 | Mutual Capacitance: | 12 pF/ft Nom. (Cond to Cond) |
| 5.0 | Capacitance: | 22 pF/ft Nom @ 1 KHz (Cond to other Cond & Shield) |
| 6.0 | Velocity of Propagation: | 76% Nom. |
| 7.0 | Max Pulling Tension: | 45.7 Lbs. |
| 8.0 | Min. Bend Radius: | 2.0 " |

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:	C8117			
			Description:	2Cond 24 AWG Foil & Braid Shielded, Jacketed - Plenum Cable			
			Eng Approval:				
			Mktg Approval:				
A	07/02/09	First Release-DB	Final Approval:	VM – 7/2/09		PAGE 1 of 1	

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