


Description:

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

- A. Construction:
- |     |             |   |
|-----|-------------|---|
| 1.0 | Pair:       | 24 AWG  |
| 1.1 | Conductor:  | 24 AWG 7/32 Tin Copper; OD: .024" Nom.                        |
| 1.2 | Insulation: | .006" Wall FEP; OD: .036" 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<br>OD: .133" Nom. |
- 2.0 Marking: Surface Print:  
GENERAL CABLE (F) C8115 3C 24 AWG SHIELDED CMP (UL) c(UL) --- ROHS AAAAA\*
- \* Indicates Shop Order Number
- B. Electrical Characteristics:
- |     |                          |  |
|-----|--------------------------|--|
| 1.0 | Conductor Resistance:    | 26.50 $\Omega$ /1000 ft Nom.                       |
| 2.0 | Outer Shield Resistance: | 6.70 $\Omega$ /1000 ft Nom.                        |
| 4.0 | Mutual Capacitance:      | 25 pF/ft Nom. (Cond to Cond)                       |
| 5.0 | Capacitance:             | 45 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			<b>General Cable</b> 20 Forge Park, Franklin, Ma 02038 Phone: 508-541-7100 Fax: 508-541-8122		
				Title:	C8115		
				Description:	3 Cond 24 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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