

Description:

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

A. Construction:

- 1.0 Pair: 24 AWG
 - 1.1 Conductor: 24 AWG 7/32 Tin Copper; OD: .024" Nom.
 - 1.2 Insulation: .019" Wall Foam FEP; OD: .062" Nom.
 - 1.3 Color Code: White/Blue- Blue/White; White/Orange – Orange/White
- 2.0 Cabling: 2 pairs cabled
 - 2.1 Separator: Polyester tape
 - 2.2 Shield #1: Aluminum/Polyester Tape- 25% Overlap; (Foil Side Out)
 - 1.5 Shield #2: Tinned Copper Braid- 90 % Coverage
- 3.0 Jacket: .015" Wall Plenum PVC; Color: Natural, or as requested
OD: .270" Nom.

- 2.0 Marking: Surface Print:
GENERAL CABLE (F) C8129 2PR 24 AWG SHIELDED CMP (UL) c(UL) --- ROHS AAAAA*
* Indicates Shop Order Number


B. Electrical Characteristics:

- 1.0 Conductor Resistance: 26.50 Ω/1000 ft Nom.
- 2.0 Outer Shield Resistance: 2.20 Ω/1000 ft Nom.
- 4.0 Mutual Capacitance: 12 pF/ft Nom. (Cond to Cond)
- 5.0 Capacitance: 22 pF/ft Nom. (Cond to other Cond & Shield) 6.0
- 6.0 Velocity of Propagation: 76% Nom.
- 7.0 Max Pulling Tension: 35 Lbs.
- 8.0 Min. Bend Radius: 2.7 "

C. Agency Approvals:

UL –CMP; C(UL) CMP

 Temperature Range: -40°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:	C8129		
				Description:	2PR 24 AWG Foil & Braid Shielded, Jacketed - Plenum Cable		
				Eng Approval:			
			Mktg Approval:				
A	07/02/09	First Release-VM	Final Approval:	VM – 7/3/09		PAGE 1 of 1	

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