

Description: Tinned Copper conductor, FEP Insulation, twisted pairs, overall foil shield and Plenum-PVC Jacketed Plenum Cable.


A. Construction:

- 1.0 Primaries:
 - 1.1 Conductor:
 - AWG 24 AWG
 - Stranding 7/32 Tinned Copper;
 - Nom. Dia .024"
 - 1.2 Insulation:
 - Material FEP
 - Nom. thickness .006"
 - Nom. OD .036"
- 2.0 Pair construction: Two insulated conductors twisted together
 - 2.1 No. of Pairs 1
 - 2.2 Pair Color Code: Black & Red
- 3.0 Overall shield:
 - 3.1 Separator: Polyester tape
 - 3.1 Shield: Aluminum/Polyester Tape; 100% coverage; (Aluminum Side out)
 - 3.2 Drain Wire: 24 AWG (7/32) Tinned Copper
- 4.0 Jacket Material: Plenum PVC Nom. wall: .014" Color: TBD
- 5.0 Overall Diameter of Cable Nom. .108"
- 6.0 Marking: Surface Print:
GENERAL CABLE (F) C8127 2C 24 AWG SHIELDED CMP (UL) C(UL) ---- ROHS
AAAAA*
* Indicates Shop Order number

B. Characteristics:

- 1.0 Conductor DC Resistance @20C Max. (Ohm): 24
- 2.0 Capacitance between conductors Nom. (pF/ft): 30
- 3.0 Capacitance Cond. To other Cond.& Shield Nom. (pF/ft): 60
- 4.0 Inductance Nom. (µH/ft): .17
- 5.0 Shield Resistance Nom.(Ohms/1000'): 17
- 6.0 Operating Voltage Nom.: 300 V
- 7.0 Continuous Operating Temp: 75C
- 8.0 Min. Bend Radius (inches): 1.1
- 9.0 Max. Pulling Tension Lbs: 16

C. Approvals: UL –CMP ; C(UL) CMP

REV	DATE	CHANGE DETAIL			General Cable 20 Forge Park, Franklin, Ma 02038 Phone: 508-541-7100 Fax: 508-541-8122	
			Description:	1 PR 24 AWG Shielded Plenum Cable		
			Created By:			
A	06/29/09	Initial Release -VM	Final Approval:	VM	6/29/09	PAGE 1 of 1