


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 3
 - 2.2 Pair Color Code: Black & Red , Black & White, Black & Green
 - 3.0 Overall Cabling: Three pairs cabled
 - 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. .161"
 - 6.0 Marking: Surface Print:
 GENERAL CABLE (F) C8113 3PR 24 AWG SHIELDED CMP (UL) C(UL) ---- ROHS
 AAAAAA*
 * Indicates Shop Order number

- B. Characteristics:
- 1.0 Conductor DC Resistance @20C Max. (Ohm): 24
 - 2.0 Capacitance between conductors Nom. (pF/ft): 25
 - 3.0 Capacitance Cond. To other Cond.& Shield Nom. (pF/ft): 45
 - 4.0 Inductance Nom. (µH/ft): .17
 - 5.0 Shield Resistance Nom.(Ohms/1000'): 15
 - 6.0 Operating Voltage Nom.: 300 V
 - 7.0 Continuous Operating Temp: 75C
 - 8.0 Min. Bend Radius (inches): 1.6
 - 9.0 Max. Pulling Tension Lbs: 37

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:	3 PR 24 AWG Shielded Plenum Cable		
			Created By:			
A	06/29/09	Initial Release -VM	Final Approval:	VM	6/29/09	