


Description: Tinned Copper conductor, FEP Insulation, Individually shielded pairs, and overall Plenum PVC Jacketed Plenum Cable.

A. Construction:


- 1.0 Primaries:
- 1.1 Conductor: 22 AWG
Stranding 7/30 Tinned Copper;
Nom. Dia .030"
- 1.2 Insulation: FEP
Material FEP
Nom. thickness .010"
Nom. OD .050"
- 2.0 Pair construction: Two insulated conductors twisted together
- 2.1 Shield: Aluminum/Polyester Tape; 100% coverage; (Aluminum Side IN)
- 2.2 Drain Wire: 22 AWG (7/30) Tinned Copper
- 2.3 No. of Pairs 3
- 2.4 Pair Color Code: Black & Red Black & White Black & Green
- 3.0 Overall Cabling: Three pairs cabled
- 4.0 Jacket Material: Plenum PVC Nom. wall: .018" Color: TBD
- 5.0 Overall Diameter of Cable Nom. .237"
- 6.0 Marking: Surface Print:
GENERAL CABLE (F) C8131 3PR 22 AWG SHIELDED CMP (UL) C(UL) ---- ROHS
AAAAA*
* Indicates Shop Order number

B. Characteristics:

- 1.0 Conductor DC Resistance @20C Max. (Ohm): 16
- 2.0 Capacitance between conductors Nom. (pF/ft): 35
- 3.0 Capacitance Cond. To other Cond.& Shield Nom. (pF/ft): 76
- 4.0 Inductance Nom. (μH/ft): .18
- 5.0 Characteristic Impedance Nom.(Ohms): 46
- 6.0 Velocity of Propagation Nom. : 62
- 7.0 Operating Voltage Nom.: 300 V
- 8.0 Continuous Operating Temp: 75C
- 9.0 Min. Bend Radius (inches): 2.4
- 10.0 Max. Pulling Tension Lbs: 75

R E V	DATE	CHANGE DETAIL	 General Cable		General Cable 20 Forge Park, Franklin, Ma 02038 Phone: 508-541-7100 Fax: 508-541-8122		
			Title:	C8131			
			Description:	3 PR 22 AWG Shielded Plenum Cable			
			Created By:				
A	05/19/09	Initial Release -VM	Final Approval:	VM 5/19/09		PAGE 1 of 1	

C. Approvals: UL –CMP ; C(UL) CMP

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