

Description: 6 Individually shielded pairs 22 AWG Tinned Copper with FEP Insulation, cabled together with overall LS-PVC Jacket.

A. Construction:


- 1.0 Primaries:
- 1.1 Conductor: 22 AWG
Stranding 7/30 Tinned Copper;
Nom. Dia .030"
- 1.2 Insulation: FEP
Material
Nom. thickness .010"
Nom. OD .050"
- 2.0 Pair construction: Two insulated conductors twisted together
- 2.1 Shield: Z-Folded Aluminum/Polyester Tape; 100% coverage; (Alum Side IN)
- 2.2 Drain Wire: 22 AWG (7/30) Tinned Copper
- 2.3 No. of Pairs 6
- 2.4 Pair Color Code: Black & Red , Black & White, Black & Green, Black & Blue, Black & Yellow, Black & Brown
- 3.0 Overall Cabling: Six pairs cabled
- 4.0 Jacket Material: Plenum PVC Nom. wall: .018" Color: Natural
- 5.0 Overall Diameter of Cable Nom. .320"
- 6.0 Marking: Surface Print:
GENERAL CABLE (F) C8133 6PR 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

C. Approvals: UL –CMP ; c(UL) CMP

D. Cable Wt. 70.90 Lbs/Mft

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:	C8133			
			Description:	6/PRS. 22 AWG Ind. Shielded Plenum Cable			
C	06/06/11	Added Cable Wt-DB					
B	07/03/09	Changed PN format-VM	Created By:				
A	06/29/09	Initial Release -VM	Final Approval:	VM 7/03/09		PAGE 1 of 1	