

Description: Tinned Copper conductor, FEP Insulation, conductors cabled and Plenum-PVC Jacketed Plenum Cable.


A. Construction:

- 1.0            Primaries:
  - 1.1            Conductor:
    - AWG                      18 AWG
    - Stranding                19/30 Tinned Copper;
    - Nom. Dia                 .048"
  - 1.2            Insulation:
    - Material                 FEP
    - Nom. thickness         .007"
    - Nom. OD                 .062"
  - 1.3            No. of conductors        2
  - 1.4            Color code                Black and Red
- 3.0            Overall Cabling:                      Two conductors cabled
- 4.0            Jacket      Material:                      Plenum PVC      Nom. wall:    .015"      Color:        TBD
- 5.0            Overall Diameter of Cable Nom.    .154"
- 6.0            Marking:    Surface Print/ Marker Tape:
  - GENERAL CABLE (F) C8122 2C 18 AWG CMP (UL) C(UL) ---- ROHS AAAAA\*
  - \* Indicates Shop Order number

B. Characteristics:

- 1.0            Conductor DC Resistance @20C Max. (Ohm)/1000':                      5.5
- 2.0            Capacitance between conductors Nom. (pF/ft):                              21
- 3.0            Inductance Nom. (µH/ft):    0.14
- 4.0            Characteristic Impedance Nom. (Ohms):    70
- 5.0            Min. Bend Radius (inches):    1.5
- 6.0            Max. Pulling Tension Lbs:    50.0
- 7.0            Operating Voltage Nom.:    300 V
- 8.0            Continuous Operating Temp:    75C

C. Approvals:      UL –CMP ; C(UL) CMP

R E V	DATE	CHANGE DETAIL		<b>General Cable</b> 20 Forge Park, Franklin, Ma 02038 Phone: 508-541-7100 Fax: 508-541-8122		
			Title:	<b>C8122</b>		
			Description:	2 C 18 AWG Plenum Cable		
			Created By:			
A	06/29/09	Initial Release -VM	Final Approval:	VM 6/29/09		PAGE 1 of 1