


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

- A. Construction:
- 1.0 Primaries:
 - 1.1 Conductor: 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 4
 - 1.4 Color code Black, White, Red, Green
 - 3.0 Overall Cabling: Four conductors cabled
 - 4.0 Jacket Material: Plenum PVC Nom. wall: .014" Color: TBD
 - 5.0 Overall Diameter of Cable Nom. .178"
 - 6.0 Marking: Surface Print:
GENERAL CABLE (F) C8102 4C 18 AWG CMP (UL) C(UL) ---- ROHS AAAAA*
* Indicates Shop Order number

- B. Characteristics:
- 1.0 Conductor DC Resistance @20C Max. (Ohm)/1000': 6.2
 - 2.0 Capacitance between conductors Nom. (pF/ft): 21.5
 - 3.0 Min. Bend Radius (inches): 1.8
 - 4.0 Max. Pulling Tension Lbs: 90.0
 - 5.0 Operating Voltage Nom.: 300 V
 - 6.0 Continuous Operating Temp: 75C

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:	4 C 18 AWG Plenum Cable		
			Created By:			
A	06/29/09	Initial Release -VM	Final Approval:	VM 6/29/09	PAGE 1 of 1	