

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	 <b>General Cable</b>		<b>General Cable</b> 20 Forge Park, Franklin, Ma 02038 Phone: 508-541-7100 Fax: 508-541-8122		
			Title:	<b>C8102</b>			
			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	

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