Description: Tinned Copper conductor, FEP Insulation, Individually shielded pairs, and overall Plenum PVC Jacketed Plenum Cable. Construction: A. 1.0 Primaries: 1.1 Conductor: AWG 22 AWG Stranding 7/30 Tinned Copper; Nom. Dia .030" Insulation: 1.2 Material FEP Nom. thickness .006" Nom. OD .042" 2.0Pair construction: Two insulated conductors twisted together 2.1 Shield: Aluminum/Polyester Tape; 100% coverage; (Aluminum Side IN) Drain Wire: 2.2 24 AWG (7/32) Tinned Copper 2.3 No. of Pairs 2 2.4 Pair Color Code: Black & Red Green & White 3.0 **Overall Cabling:** Two pairs cabled Plenum PVC 4.0 Jacket Material: Nom. wall: .014" Color: TBD Overall Diameter of Cable Nom. .186" 5.0 6.0 Marking: Surface Print: GENERAL CABLE (F) C8105 2PR 22 AWG SHIELDED CMP (UL) C(UL) ---- ROHS AAAAA* * Indicates Shop Order number B. Characteristics: Conductor DC Resistance @20C Max. (Ohm): 16 1.0 Capacitance between conductors Nom. (pF/ft): 2.0 43 Capacitance Cond. To other Cond.& Shield Nom. (pF/ft): 3.0 75 Shield resistance Nom. (ohms/1000 ft): 15 4.0 Characteristic Impedance Nom.(Ohms): 5.0 36 6.0 Velocity of Propagation Nom. : 67 **Operating Voltage Nom.:** 7.0 300 V 8.0 Continuous Operating Temp: 75C 9.0 Min. Bend Radius (inches): 1.9 Max. Pulling Tension Lbs: 10.0 45 C. Approvals: UL-CMP; C(UL) CMP Е DATE CHANGE DETAIL V **General Cable V** General Cable 20 Forge Park, Franklin, Ma 02038 Phone: 508-541-7100 Fax: 508-541-8122 Title: **C8105 Description:** 2 PR 22 AWG Shielded Plenum Cable Created By:

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Initial Release -DB