Description: Tinned Copper conductor, FEP Insulation, twisted pairs, overall foil shied and FEP Jacketed Plenum Cable.

A.	Constru	uction:	.						
	1.0		Primaries: 1.1	Conductor: AWG Stranding	18 AWG 19/30 Tinned (Copper;			
			1.2	Nom. Dia Insulation: Material	.048" FEP				
				Nom. thickness Nom. OD	.007" .062"				
	2.0		Pair construction:		Two insulated conductors twisted together				
			2.1No. of Pairs2.2Pair Color Code:		1 Black & Red				
	3.0 Overall shield:			ield:					
			3.1	Separator:	Polyester tape	·	000/	(1 1	0.1
			3.2 3.3	Shield: Drain Wire:	Aluminum/Pol 20 AWG Stran			e; (Aluminum	i Side out)
	4.0		Jacket	Material:	FEP	Nom. wal		Color:	Red
	5.0		Overall Diameter of Cable Nom.		.165"				
	6.0		Marking:	 Surface Print: GENERAL CABLE (F) C8101 2C 18 AWG SHIELDED CMP (UL) C(UL) ROHS AAAAA* * Indicates Shop Order number 					
B.	Charac	teristics:							
	1.0		Conductor DC Resistance @20C Max. (Ohm): 5.5						
	2.0			e between conductors					
	3.0		Capacitance Cond. To other Cond.& Shield Nom. (pF/ft): 95						
	4.0 5.0		Inductance Nom. (μH/ft):.15Shield Resistance Nom.(Ohms/1000'):7.5						
	6.0			f propagation Nom.:		69			
	7.0		Characteristic Impedance Nom. (Ohms): 35						
	8.0		Operating Voltage Nom.: 300 V						
	9.0		Continuous Operating Temp: 200C						
	10.0		Min. Bend Radius (inches):1.6						
	11.0 Max. Pulling Tension Lbs:			ng Tension Lbs:			65		
C.	Approvals: UL –		UL –CMP	; C(UL) CMP					
R E	DATE	CHANG	HANGE DETAIL						
V					Ceneral Cable General 20 Forge Park, Fr. Phone: 508-541-7100		eneral Ca Park, Franklin 541-7100 Fax:	anklin, Ma 02038	
					Title:		C	8101	
					Description:	1 PR 1	8 AWG Sh	nielded Plen	um Cable

 A
 06/29/09
 Initial Release -VM
 Final Approval:
 VM
 6/29/09
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