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## Design Specification

**Part Number: 34956**

**DESCRIPTION:** 22 AWG 8 conductor plenum communications cable Nom. O.D. (in.)

**CONSTRUCTION:**

Conductors:	22 AWG 7 strand bare copper	
Insulation:	0.0063" nominal wall Comflex Plenum PVC	.0415
Core Assembly:	8 conductors are cabled to a 2.5" L.H.L. and jacketed	
Jacket:	0.014" nominal wall White Comflex Plenum PVC	.165
	Parallel ripcord located under jacket	

**COLOR CODE:** Black, White, Red, Green, Brown, Blue, Orange, Yellow

**SPECIFICATIONS:** UL 13, Power Limited Circuit Cable  
 UL 1424 Power Limited Fire Alarm Cable  
 UL 444, Communication Cables  
 NFPA 262, Plenum Flame Test (UL 910)  
 NEC Article 725, 760 and 800

**CERTIFICATIONS:** UL Listed Type CL3P/FPLP  
 UL and cUL Listed Type CMP  
 California State Fire Marshal Approved

**ELECTRICAL CHARACTERISTICS (@ 1 KHz):**

Capacitance: 24 pF/ft nominal conductor to conductor  
 D.C. Resistance: 16.1 Ω/Kft nominal

**SURFACE PRINT:** E111272 (01-12345) 22 AWG CL3P/FPLP (UL) OR CMP C(UL)US RoHS  
 Sequential footage markers every 2 feet

DRAWING	REV.	DATE	DRWN.	APP.	REMARKS	
4956	.08	02/20/08	2me	RHW	Add resistance	<b>34956</b>
4956	.07	06/22/06	2me	RHW	Add ripcord; Tri rate and RoHS	
4956	.06	02/11/05	2me	RHW	Revised and redrawn	
4956	.05	09/29/04	rhw	RHW	Revised primary OD	Page 1 of 1