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**Design Specification**  
**Part Number: 34875**

DESCRIPTION: 22 AWG 8 conductor shielded 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 cabled together with a 2.5" nominal left hand lay	
Shield:	Aluminum/polyester foil tape, helically applied with the foil side out	
Drain Wire:	24 AWG 7 strand tinned copper helically applied over the foil	
Jacket:	0.014" nominal wall White Comflex Plenum PVC	.168
	Parallel ripcord located under the jacket	

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



SPECIFICATIONS: UL 13, Power Limited Circuit Cable  
 UL 1424 Power Limited Fire Alarm Circuit 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 C(UL) Listed Type CMP  
 California State Fire Marshal Approved



ELECTRICAL CHARACTERISTICS:

Capacitance: 50 pF/ft nominal conductor to conductor @ 1 KHz  
 DC Resistance: 17.2 ohms/Kft max @ 20C



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

DRAWING	REV.	DATE	DRWN.	APP.	REMARKS	<b>34875</b>
34875	08	6/21/2012	PA	RHW	Added flag	
4875	.07	09/28/06	2me	RHW	Add RoHs and Tri rate ; Add ripcord	
4875	.06	01/28/05	2me	RHW	Revised and Redrawn	
4875	.05	08/02/04	rhw	RHW	Corrected drain wire to #24 AWG	
4875	.04	01/29/03	2me	RHW	Revised and redrawn	Page 1 of 1