



Comtran Cable LLC
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Design Specification

Part Number: 34859

DESCRIPTION: 18 AWG 8 conductor shielded communications cable Nom. O.D. (in.)

CONSTRUCTION:

Conductors:	18 AWG 7 strand bare copper	
Insulation:	0.0073" nominal wall Comflex Plenum PVC	.060
Core Assembly:	8 conductors cabled together with a 3.5" 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	.230
	Parallel ripcord located under the jacket	

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

SPECIFICATIONS: UL 13, Power Limited 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)US Listed Type CMP
 California State Fire Marshal Approved

ELECTRICAL CHARACTERISTICS (@ 1 KHz):
 Capacitance: 45 pF/ft nominal conductor to conductor
 DC Resistance: 6.79 ohms/Kft nominal

SURFACE PRINT: E111272 (01-12345) 18 AWG SHIELDED CL3P/FPLP (UL) OR
 CMP C(UL)US RoHS
 Sequential footage markers every 2 feet

VOLTAGE RATING: 300 VAC

SIGNATURE: _____ DATE: _____

DRAWING	REV.	DATE	DRWN.	APP.	REMARKS	34859
34859	.08	04/28/2014	PA	JB	300V	
34859	.07	1/10/13	BC	PA	Drain	
4859	.06	09/28/06	2me	RHW	Add ripcord and Tri rate; Add RoHS to print	