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Design Specification
Part Number: 34861

DESCRIPTION: 18 AWG 10 conductor shielded communications cable Nom. O.D. (in.)

CONSTRUCTION:

Conductors:	18 AWG 7 strand bare copper	
Insulation:	0.0069" nominal wall Plenum PVC	.060
Core Assembly:	10 conductors cabled together with a 4" 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 Plenum PVC	.271
	Parallel ripcord located under the jacket	

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

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 cUL 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

DRAWING	REV.	DATE	DRWN.	APP.	REMARKS	34861
34861	.08	1/10/13	BC	PA	Drain	
4861	.07	02/16/12	PA	RHW	New header and text changes	
4861	.06	09/28/06	2me	RHW	Add RoHS to print and Tri rate; Add ripcord	
4861	.05	12/13/05	2me	RHW	Add traceability; Add ripcord	

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