



Comtran Cable LLC
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Design Specification
Part Number: 34855

DESCRIPTION: 18 AWG 4 conductor shielded communications cable Nom. O.D. (in.)

CONSTRUCTION:

Conductors: 18 AWG 7 strand bare copper
 Insulation: 0.0073" nominal wall Plenum PVC .060
 Core Assembly: 4 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 Plenum PVC .175
 Parallel ripcord located under jacket

COLOR CODE: Black, White, Red, Green

SPECIFICATIONS: UL 13, Power Limited Circuit Cable
 UL 444, Communication Cables
 UL 1424 Power Limited Fire Alarm Cable
 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: 60 pF/ft nominal conductor to conductor
 DC Resistance: 6.79 ohms/Kft nominal
 Voltage Rating: 300V
 Operating Temp. Range: -10°C to +75°C

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	34855
34855	.07	1/10/13	BC	PA	Drain	
4855	.06	4/17/09	2me	RHW	Add temperature	
4855	.05	06/02/06	2me	RHW	Add ripcord; Revise print	
4855	.04	05/26/04	rhw	RHW	Added voltage rating	