



Comtran Cable LLC
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Design Specification
Part Number: 34871

DESCRIPTION: 22 AWG 4 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:	4 conductors cabled together with a 1.75" nominal left hand lay	
Shield:	Aluminum/polyester foil tape, helically applied with the foil side out	
Drain Wire:	22 AWG 7 strand tinned copper helically applied over the foil	
Jacket:	0.014" nominal wall White Comflex Plenum PVC	.131
	Parallel rip cord located under jacket	

COLOR CODE: Black, White, Red, Green

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

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

ELECTRICAL CHARACTERISTICS (@ 1 KHz):

Capacitance: 50 pF/ft nominal conductor to conductor
 DC Resistance: 16.4 ohms/Kft nominal

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

DRAWING	REV.	DATE	DRWN.	APP.	REMARKS	34871
4871	.07	08/09/06	2me	RHW	Add RoHS to print;add ripcord	
4871	.06	06/17/05	2me	RHW	Revised and redrawn	Page 1 of 1
4871	.05	01/29/03	2me	RHW	Revised and redrawn	