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## Design Specification

### Part Number: 32115

DESCRIPTION: 24 AWG 4 pair communications plenum cable Nom. O.D. (in.)

**CONSTRUCTION:**

Conductors: 24 AWG solid bare copper  
 Insulation: 0.0077" nominal wall Plenum PVC .035  
 Pairs: 2 conductors twisted together with a varying LHL  
 Core Assembly: 4 twisted pairs run parallel and jacketed  
 Jacket: 0.014" nominal wall White Plenum PVC .165  
 Parallel ripcord located under jacket

**COLOR CODE:**

Pair	Cond. 1	Cond. 2
1	Blu/Wht	Wht/Blu
2	Org/Wht	Wht/Org
3	Grn/Wht	Wht/Grn
4	Brn/Wht	Wht/Brn

SPECIFICATIONS: UL 444, Communications Cables  
 NFPA 262, Plenum Flame Test (UL 910)  
 ICEA S-80-576  
 NEC Article 800

CERTIFICATIONS: UL Listed Type CMP  
 C(UL) CMP  
 ETL Verified to ANSI/TIA-568-C.2 Category 3  
 California State Fire Marshal Approved

**ELECTRICAL CHARACTERISTICS:**

DC Resistance: 27 ohms/Kft  
 Mutual Capacitance: 17 pF/ft nominal  
 Impedance: 100 ohms ±15% @ 1 MHz to 16 MHz

Freq.	Attenuation db/M'	Next (Worst Pair db)
1 MHz	7.0	41.0
4 MHz	15.0	32.0
10 MHz	24.0	26.0
16 MHz	34.0	23.0

SURFACE PRINT: COMTRAN=CABLE=LLC =24=AWG=CMP=C(UL)US=IEEE=802.3=10BASE=T=ETL=VERIFIED=TO=ANSI/TIA-568-C.2=CAT=3=RoHS=(01-12345)=Sequential footage markers every 2 feet

SIGNATURE: \_\_\_\_\_ Date: \_\_\_\_\_

DRAWING	REV.	DATE	DRWN.	APP.	REMARKS	
32115	.13	04/29/2013	PA	JB	legend	<b>32115</b>
2115	.12	11/4/10	2me	JB	Revise insulated OD; Revise print	
2115	.11	4/10/07	2me	RHW	Add ripcord revise ins wall	Page 1 of 1
2115	.10	1/10/07	2me	RHW	Revise Verification	