

Design Specification

Part Number: 2114

DESCRIPTION: 24 AWG 3 pair communications plenum cable Nom. O.D. (in.)

CONSTRUCTION:

Conductors:	24 AWG solid bare copper	
Insulation:	0.0069" nominal wall Comflex Plenum PVC	.0335
Pairs:	2 conductors twisted together with a varying LHL	
Core Assembly:	3 twisted pairs run parallel and jacketed	
Jacket:	0.014" nominal wall White Comflex Plenum PVC	.143
	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

SPECIFICATIONS: UL 444, Communications Cables
 NFPA 262, Plenum Flame Test (UL 910)
 ICEA S-80-576
 NEC Article 800
 TIA/EIA-568-B.2 Category 3

CERTIFICATIONS: UL Listed Type CMP
 C(UL) CMP
 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: E106583 (01-12345) 24 AWG CMP C(UL)US - IEEE 802.3 10BASE T
 ETL VERIFIED TO TIA-568-B.2 CAT 3 RoHS 000002
 Sequential footage markers every 2 feet

SIGNATURE: _____

DRAWING	REV.	DATE	DRWN.	APP.	REMARKS	
2114	.05	04/30/07	2me	RHW	Revise ins wall;add ripcord	2114
2114	.04	11/22/06	2me	RHW	Add RoHS to print	
2114	.03	06/08/05	2me	RHW	Revised and Redrawn	
2114	..06	05/18/07	rhw	RHW	Add ETL	Page 1 of 1