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**Design Specification**  
**Part Number: 34757**

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

CONSTRUCTION:

Conductors: 24 AWG solid bare copper  
 Insulation: 0.0066" nominal wall Plenum PVC  
 Pairs: 2 conductors twisted together with a varying LHL  
 Core Assembly: 3 twisted pairs run parallel and jacketed  
 Jacket: 0.014" nominal wall Green Plenum PVC .143  
 Parallel ripcord located under the 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



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

ELECTRICAL CHARACTERISTICS:

DC Resistance: 27 ohms/Kft  
 Mutual Capacitance: 17.5 pF/ft nominal  
 Impedance: 100 ohms ±15% @ 1 MHz to 16 MHz

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) 000002  
 Sequential footage markers every 2 feet

SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

DRAWING	REV.	DATE	DRWN.	APP.	REMARKS	<b>34757</b>
4757	.06	05/15/2013	PA	JB	Text Changes	
4757	.05	10/17/07	2me	RHW	Revise print	
4757	.04	12/12/06	2me	RHW	Add RoHS to print	
4757	.03	07/13/05	2me	RHW	Revise ODS	
4757	.02	09/24/03	2me	RHW	Revised and Redrawn	Page 1 of 1