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Design Specification
Part Number: P05324A25

DESCRIPTION: 24 AWG 25 pair plenum communications cable Cat 3 Nom. O.D. (in.)

CONSTRUCTION:

Conductors: 24 AWG solid bare copper
 Insulation: 0.009" nominal wall Plenum PVC .038
 Pairs: 2 conductors twisted together with varying lays
 Core Assembly: 25 pairs cabled together with a left hand lay
 Jacket: 0.015" nominal wall White Plenum PVC .375
 Parallel ripcord located under jacket

SPECIFICATIONS: UL 444, Communication Cables
 NFPA 262, Plenum Flame Test (UL 910)
 NEC Article 800
 Meets Category 3 electrical requirements

CERTIFICATIONS: UL Listed Type CMP
 cUL Type CMP
 California State Fire Marshal Approved
 EU RoHS Directive

ELECTRICAL CHARACTERISTICS:

DC Resistance: 27 ohms/Kft nom @ 20C
 Capacitance: 20 pF/ft nominal conductor to conductor @ 1 KHz
 Impedance: 100 ohms ±15% @ 1 MHz to 16 MHz

Freq.	Attenuation db/M'	Next (Worst Pair db)
1 MHz	8.2	41.0
4 MHz	17.3	32.0
10 MHz	28.8	26.0
16 MHz	37.5	23.0

SURFACE PRINT: E106583 (01-12345) 24 AWG CMP C(UL)US – IEEE 802.3 10BASE TCAT 3 RoHS
 Sequential footage markers every 2 feet

DRAWING	REV.	DATE	DRWN.	APP.	REMARKS	
						32631
32631	.06	09/6/11	2me	RHW	New Format	Page 1 of 1