



Distributed By:



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 ² | 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 | |