



PRODUCT DATA SHEET

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PART NUMBER: 99296
DESCRIPTION: 22/2 STR OAS & 18/2 STR & 24/4PAIR CAT5E CM
CONSTRUCTION: This cable consists of two stranded 18AWG conductors, one stranded 22AWG pair shielded conductors and one finished 24 AWG four pair CAT5E, cabled together with a tubed PVC jacket.
APPROVALS: ETL to UL Standard 444, NEC Article 800
APPLICATION: Communications Cable

Construction Parameters:

Conductor 18 and 22 AWG Bare Copper
Stranding 18AWG: 7/.0152"
22AWG: 7/.0096"
Insulation Material 18AWG: PVC
22AWG: Polyethylene
Insulation Thickness 18AWG: 0.012" Nom.
22AWG: 0.027" Nom.
Insulated Conductor Diameter 18AWG: 0.070" Nom.
22AWG: 0.083" Nom.
Shield (22 AWG 2/C) Polyester/Aluminum Tape
Drain (22 AWG 2/C) 22AWG 7/.0096" Tinned Copper
Twisting Lay Length 18AWG: 3.00" Nom.
22AWG: 3.00" Nom.
CAT5E Cable CAT5E
CAT5E Cable Diameter 0.200" Nom.
Overall Lay Length 4.000" Nom.
Jacket Material PVC
Jacket Thickness 0.035" Nom.
Overall Cable Diameter 0.519" Nom.
Approximate Cable Weight TBD
Flame Rating UL 1581 Vertical Tray Flame Test

Electrical Properties:

Temperature Rating -20°C to 60°C
Operating Voltage 300 V RMS Max.
Resistance(ohms/1000' @ 20C) 18AWG: 6.287
22AWG: 16.194
Capacitance (pF/ft) 18AWG: 48.28
22AWG: 12.5 w/Velocity of Propagation of 86%

Insulation Color 22AWG- LT Blue White
18AWG- Black Red
Jacket Color Teal with Red Stripe

Legend (Surface Ink Print) COLEMAN CABLE 99296 MEDIA CONTROL CABLE-----18AWG 2C & 22AWG 1PR SHIELDED DATA LOW CAP & CAT5E 24/4PR TESTED TO 350 MHZ (ETL)(ETL CODE PER CHART) CM 00000FEET

Note: The Category 5e cables are no longer a verified category cable after cabling.
On special orders, the customer will accept all factory lengths and +/- 10 percent of total order requested.
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Customer Name _____

Customer Approval _____ Date: _____

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