



Features and Benefits

- Provides enhanced EMC protection and improved Alien Crosstalk performance
- Compliant to TIA / EIA 568-B
- Enhanced performance 4 pair PVC LSZH 332.1 cable
- Category 5E Compliant
- Colour coded pairs for ease of termination
- 305m easy spool box and 1km reel
- Overall foil shield with drain wire

Commercial Standards:

EN 50173 2nd Edition, ISO/IEC
11801 2nd Edition, EIA/TIA 568B.2

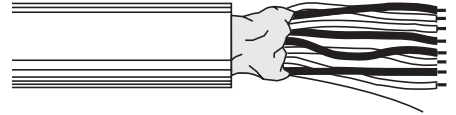
Fire Propagation Test:

UL 1581 VW1, IEC 60332.1, EN0256-2-1

Technical Information

Mechanical Characteristics

Conductor Size : 0.52 + 0.005mm
 Primary Insulation : Solid Polyethylene
 Nominal o.d. : 1.05 + 0.02mm
 Twining : Right Hand Lay
 Sheath : LSZH 332.1
 Minimal Wall: 0.35mm
 Nominal o.d. : 6.00mm
 Screen Material: Aluminium/Polyester Tape
 Screen Thickness: 50/12 Microns
 Screen: Aluminium polyester tape and drain wire
 NVP: 66%



Electrical Characteristics

D.C. Resistance: 90 ohm/km maximum
 Attenuation (db/km) : @ 1MHz 1.90
 @ 16MHz 7.30
 @ 100MHz 18.20
 Crosstalk (dB) : @ 1MHz 89
 @ 16MHz 72
 @ 100MHz 54
 PS NEXT : @ 1MHz 82
 @ 16MHz 64
 @ 100MHz 49
 ELFEXT : @ 1MHz 82
 @ 16MHz 71
 @ 100MHz 55
 PS ELFEXT : @ 1MHz 90
 @ 16MHz 80
 @ 100MHz 53
 Return Loss : @ 1MHz 37
 @ 16MHz 44
 @ 100MHz 33
 ACR : @ 1MHz 87.10
 @ 16MHz 64.70
 @ 100MHz 35.80

Propagation Delay: 66
 Skew: 18

Shipping Weight

305m box: 11.5kg
 1km Reel : 38kg

ORDERING INFORMATION

Order No.	Description
CAA-00030	PowerCat CSE Cable 305m box FTP LSZH 332.1
CAA-00031	PowerCat CSE Cable 1km reel FTP LSZH 332.1

This information is correct as at the time of publication, specifications are subject to change

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