

Cat6A Ethernet Patch Cable - Slim, Flat, U/FTP, 32AWG, Molded Boot, Black, 3ft

**RoHS
Compliant**

Stock No.: CAT6A-0031F-FTP

FEATURES

- Strain Relief
- U/FTP
- 32 AWG
- Stranded Copper



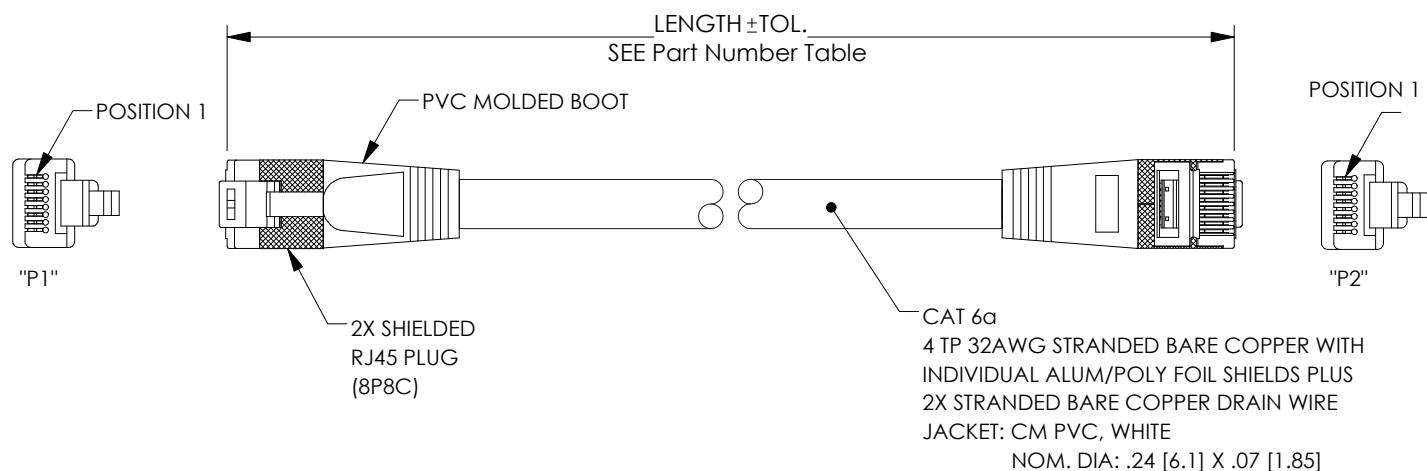
Product Description

This cat6a rated U/FTP cable is built with a durable CM rated PVC jacket. The super flat cable design is flexible and fits tight spaces such as under carpets, doorways, ceilings and corners and fits flush against any flat surface such as a floor, wall, desk, cable tray or rack. Individually shielded twisted pairs to provide excellent protection from data corrupting EMI and RFI while also reducing or eliminating different forms of crosstalk.

General Specifications

Attribute	Value
Terminated/Unterminated	Terminated
Connector Type	RJ45
Cable Type	Ethernet
Length	3' (0.91m)
Gauge	32 AWG
Conductor	Bare Copper
Shield/Unshielded	Shielded
Voltage Rating	30V
1.0 - 550MHz Impedance (Ω)	100 $\pm$ 15
Maximum Operating Frequency	550MHz
Operating & Storage Temp.	-0°C to 50°C -32°F to 122°F
Installation Temp.	-20°C to 60°C -4°F to 140°F
Jacket Color	Black

Product Drawing



NOTES:

PHYSICAL CHARACTERISTICS:

- CABLE TYPE: CAT6a U/FTP
- TEMPERATURE RATING:
 - INSTALLATION: 0°C~50°C
 - OPERATION: -20°C~60°C
- VOLTAGE RATING: 30V

MECHANICAL CHARACTERISTICS:

- CONTACT MATERIAL: COPPER ALLOY, 50U" GOLD PLATING

ELECTRICAL CHARACTERISTICS:

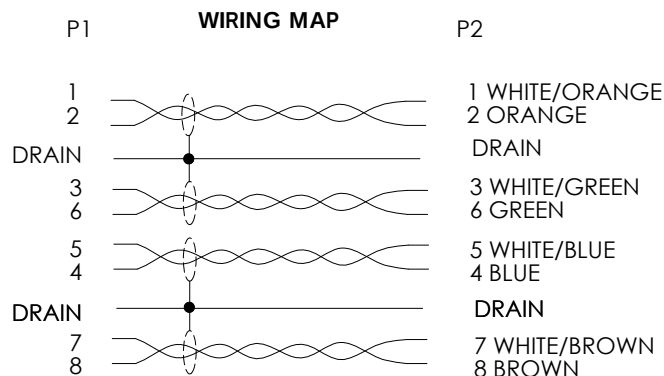
- CONDUCTOR DC RESISTANCE: 60.1Ω/100M (MAXIMUM)
- IMPEDANCE: 100Ω
- CAPACITANCE: 5600pf/100M
- PROPAGATION DELAY: 545ns/100M (MAXIMUM)
- DELAY SKEW: 45ns/100M (MAXIMUM)
- PASS FLUKE DSX 8000 CHANNEL TEST (5%TEST)
- BANDWIDTH: 550MHZ

MISCELLANEOUS:

- CABLE ASSEMBLY TO BE TESTED FOR CONTINUITY.
- CABLE ASSEMBLY SHALL BE INDIVIDUALLY PACKAGED.

REGULATORY COMPLIANCE:

EU RoHS DIRECTIVE (MOST RECENT RELEASED VERSION)



Dimensions: Millimeters (Inches)

Part Number Table

Part Number	Description	Tolerance Inch(mm)
CAT6A-0001F-FTP	Cat6A Ethernet Patch Cable - Slim, Flat, U/FTP, 32AWG, Molded Boot, Black, 0.5ft	+1.38/- .59 [+35/-15]
CAT6A-0011F-FTP	Cat6A Ethernet Patch Cable - Slim, Flat, U/FTP, 32AWG, Molded Boot, Black, 1ft	+1.38/- .59 [+35/-15]
CAT6A-0031F-FTP	Cat6A Ethernet Patch Cable - Slim, Flat, U/FTP, 32AWG, Molded Boot, Black, 3ft	+1.38/- .59 [+35/-15]
CAT6A-0071F-FTP	Cat6A Ethernet Patch Cable - Slim, Flat, U/FTP, 32AWG, Molded Boot, Black, 7ft	+1.38/-1.18 [+35/-30]
CAT6A-0101F-FTP	Cat6A Ethernet Patch Cable - Slim, Flat, U/FTP, 32AWG, Molded Boot, Black, 10ft	+1.38/-1.18 [+35/-30]
CAT6A-0151F-FTP	Cat6A Ethernet Patch Cable - Slim, Flat, U/FTP, 32AWG, Molded Boot, Black, 15ft	+1.38/-1.18 [+35/-30]
CAT6A-0301F-FTP	Cat6A Ethernet Patch Cable - Slim, Flat, U/FTP, 32AWG, Molded Boot, Black, 30ft	± 3.15 [80]
CAT6A-0501F-FTP	Cat6A Ethernet Patch Cable - Slim, Flat, U/FTP, 32AWG, Molded Boot, Black, 50ft	± 3.15 [80]

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