

**Cat6A Shielded Ethernet Network Cable,  
Flat, U/FTP, Black, 50ft.**

**RoHS  
Compliant**

Stock No.: CAT6A-0501F-FTP

## FEATURES

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



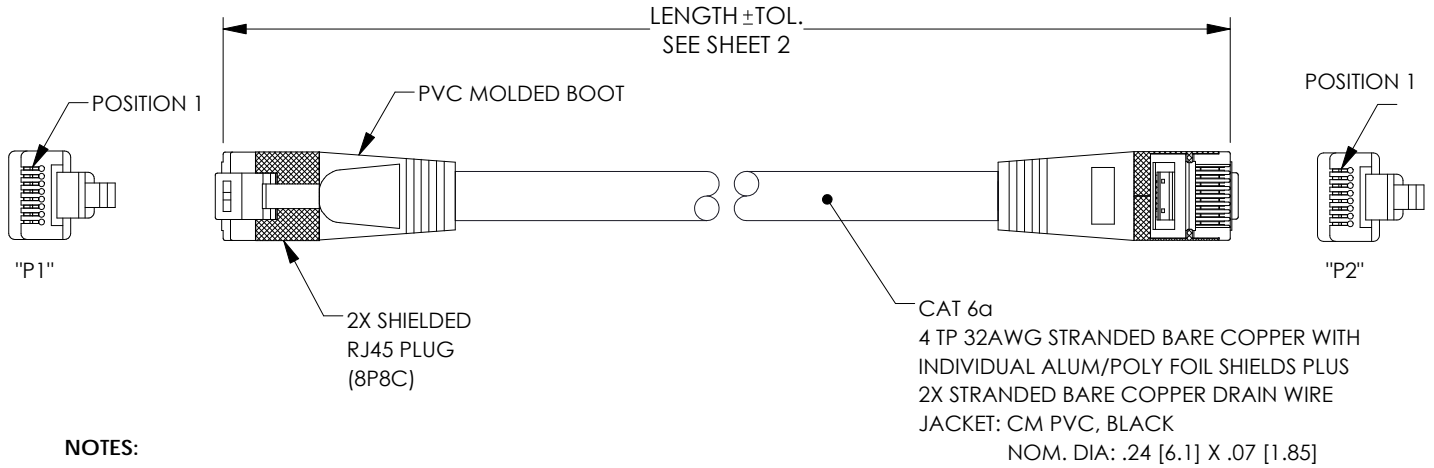
## Product Description

Cat6a rated U/FTP cable 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	15.24m
Gauge	32 AWG
Conductor	Bare Copper
Shield/Unshielded	Shielded
Voltage Rating	30V
1.0 - 550MHz Impedance ( $\Omega$ )	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
  - OPERATION: -20
- VOLTAGE RATING: 30

#### MECHANICAL CHARACTERISTICS:

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

#### ELECTRICAL CHARACTERISTICS:

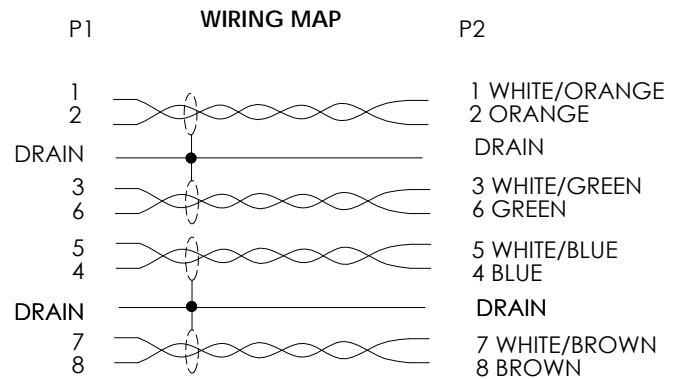
- CONDUCTOR DC RESISTANCE: 60 Ω/100M (MAXIMUM)
- IMPEDANCE: 1 Ω
- CAPACITANCE: 5600pf/10
- PROPAGATION DELAY: 545ns/100M (MAXIMUM)
- DELAY SKEW: 45ns/100M (MAXIMUM)
- PASS FLUKE DSX 8000 CHANNEL TEST (5% TES)
- BANDWIDTH: 550M

#### 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
CAT6A-0001F-FTP	Cat6A Shielded Ethernet Network Cable, Flat, U/FTP, Black, 0.5ft.
CAT6A-0011F-FTP	Cat6A Shielded Ethernet Network Cable, Flat, U/FTP, Black, 1ft.
CAT6A-0031F-FTP	Cat6A Shielded Ethernet Network Cable, Flat, U/FTP, Black, 3ft.
CAT6A-0071F-FTP	Cat6A Shielded Ethernet Network Cable, Flat, U/FTP, Black, 7ft.
CAT6A-0101F-FTP	Cat6A Shielded Ethernet Network Cable, Flat, U/FTP, Black, 10ft.
CAT6A-0151F-FTP	Cat6A Shielded Ethernet Network Cable, Flat, U/FTP, Black, 15ft.
CAT6A-0301F-FTP	Cat6A Shielded Ethernet Network Cable, Flat, U/FTP, Black, 30ft.
CAT6A-0501F-FTP	Cat6A Shielded Ethernet Network Cable, Flat, U/FTP, Black, 50ft.

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