

Cat6A Shielded Ethernet Network Cable,  
Flat, U/FTP, Black, 7ft.

RoHS  
Compliant

Stock No.: CAT6A-0071F-FTP

## FEATURES

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



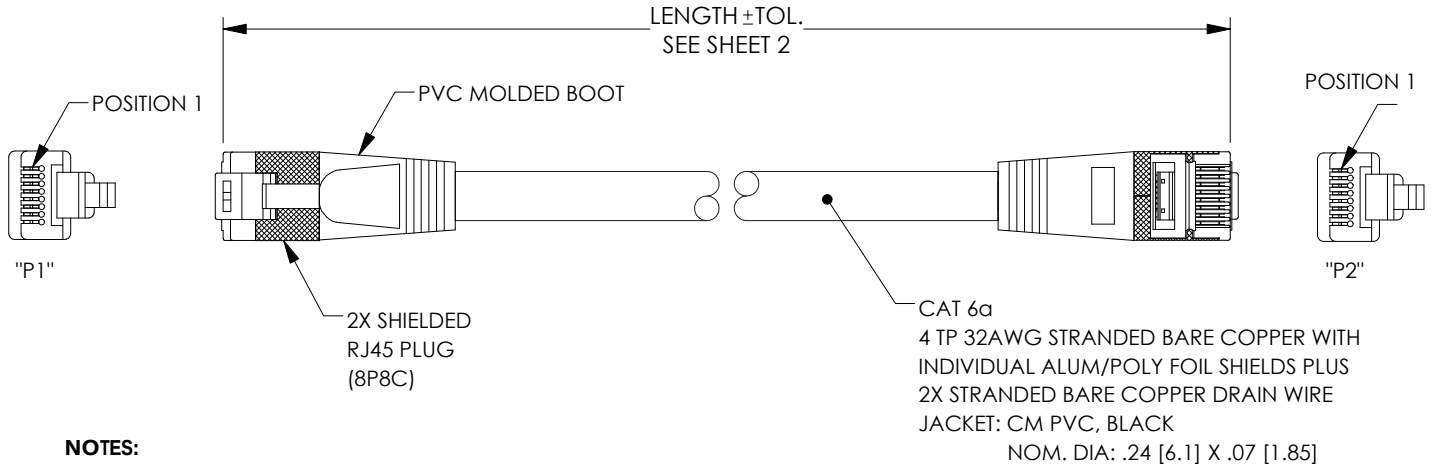
## Product Description

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                              | 2.1336m                       |
| 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 PLAT

#### ELECTRICAL CHARACTERISTICS:

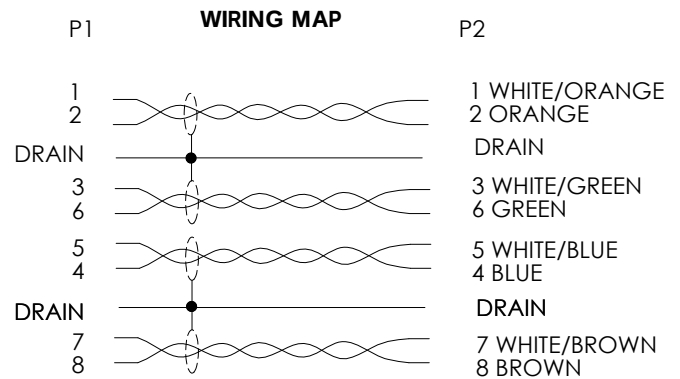
- CONDUCTOR DC RESISTANCE: 60 Ω/100M (MAXIMUM)
- IMPEDANCE: 1 Ω
- CAPACITANCE: 5600pf/10
- PROPAGATION DELAY: 545ns/100M (MAXIMUM)
- DELAY SKEW: 45ns/100M (MAXIMUM)
- PASS FLUKE DSX 8000 CHANNEL TEST (5% TES)
- BANDWIDTH: 550M

#### 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.  |

Important Notice: This data sheet and its contents (the "Information") belong to the members of the EASE group of companies (the "Group") or are licensed to it. No license is granted for the use of it other than for information purposes in connection with the products to which it relates. No license of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate, but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. EASE is the registered trademark of Ease Electronics Co., Limited 2019.