

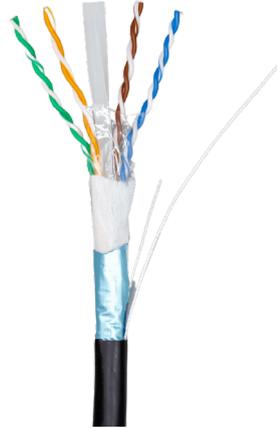
Ethernet Cable, Cat6A, Direct Burial, FTP, 304.8 m, 1000 ft.

RoHS
Compliant

Stock No.: CAT6A-3041D-FTP-B

FEATURES

- CMX
- FTP
- 23 AWG
- Solid Copper



Product Description

1 and 10 Gigabit (10GBASE-T) speeds up to 328 feet. Bandwidth tested up to 750 MHz. Supports PoE/PoE+/PoE++ (IEEE 802.3af/at/bt) 4PPoE up to 90W. Solid Copper Conductors ANSI/TIA 568 2.D, RoHS-3 compliant and cETLus certified. Bare copper is superior conductor material for data transmission and PoE use.

General Specifications

Attribute	Value
Terminated/Unterminated	Unterminated
Connector Type	RJ45
Cable Type	Ethernet
Length	304.8m
Gauge	23 AWG
Conductor	Bare Copper
Shield/Unshielded	Shielded
Voltage Rating	300V
1.0 - 550MHz Impedance (Ω)	100 \pm 15
Maximum Operating Frequency	750MHz
Operating & Storage Temp.	-40°C to 75°C -40°F to 167°F
Installation Temp.	-20°C to 75°C -4°F to 167°F
Jacket Color	Black

Product Drawing

Technical Data

Insulation	PE
Average Thickness (mm)	0.278
Min Point Thickness (mm)	0.255
Conductor Insulation Dia. ($\pm 0.02\text{mm}$)	1.14
Twisted Pair Dia. ($\pm 0.02\text{mm}$)	2.28
Ripcord	Nylon
Spline	PE
Polyethylene Tape	Present
Shielding	F/UTP
Drain Wire- Solid Tinned Copper (mm)	0.40
Water Resistance	Jacket & Dry Tape

Conductor	Solid Bare Copper
Size	23AWG
Conductor Dia. ($\pm 0.05\text{mm}$)	0.585

Standards Reference

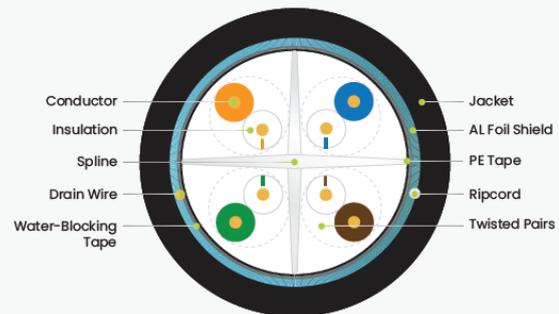
UL-444 / cETLus

ANSI/TIA 568-2.D

ISO/IEC 11801

Color of Pairs	
Pair 1	Blue- White/Blue
Pair 2	Orange- White/Orange
Pair 3	Green- White/Green
Pair 4	Brown- White/Brown

Cable Jacket	LLDPE
Average Thickness (mm)	0.60
Min. Point Thickness (mm)	0.55
Outer Diameter ($\pm 0.2\text{mm}$)	7.60



Dimensions: Millimeters (Inches)

Part Number Table

Part Number	Description
CAT6A-3041D-FTP-B	Ethernet Cable, Cat6A, Direct Burial, FTP, 304.8 m, 1000 ft.

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.