

FutureCom™ E Patch Cords, FRNC, RJ45 - RJ45 Connector, black

CORNING

Features

- Slim design and low weight
- Different boot colours with latch protection
- High quality RJ45 Cat.6 connector according to IEC 60603-7-5 Ed.1.0
- 4 pairs (multi-service) connected
- In compliance with ISO/IEC 11801 Ed. 2.2.
- Halogen free LSZH (Low-Smoke/Zero-Halogen)
- Flame-retardant in compliance with IEC 60332-1
- Jacket colour: black
- Support Gigabit Ethernet

The FutureCom™ Cat. 6 flex patch cords with two RJ45 plugs in compliance with IEC 60603-7-5 Ed.1.0 provide transmission performance according to Category 6 specifications of ISO/IEC 11801 Edition 2.2 and EN 50173 (series). FutureCom cables are low skew products, i.e. the difference in propagation delay between the individual pairs is very low. This is increasingly being requested for Gigabit Ethernet. The suitability of the cable for high-bit-rate transmission systems ensures a high degree of future proofing. The RJ45 connectors are fully assigned and hence application independent. Additional features are the slim design and low weight of the flex cables. Each pair is individually shielded with foil (FTP). FutureCom™ Cat.6 patch cords provide additional latch protection.

Standards

RoHS

Free of hazardous substances according to RoHS 2002/95/EG



Cat. 6 Patch Cords
| Photo LAN4261



Cat. 6 Patch Cords Family
| Photo LAN4263

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Specifications

General Specifications

Cable assembly type	Patch Cords
Environment	Indoor
Cable type	U/FTP
Halogen-free	Yes
Category	6

Cable Design / Connector

Connector type	RJ45 8/8
Outer diameter	5.5 mm
Min. Bend Radius Installation	30 mm
Min. Bend Radius Operation	20 mm
No. of pairs	4
Outer jacket material	LSZH™/FRNC
Outer jacket colour	black

Mechanical / Electrical Specifications - Connector

Durability	750 Cycles
Insulation Resistance	> 5000 MΩ

Mechanical / Chemical Characteristics

Conductor Insulation	Foam Skin PE
Copper conductor	AWG26 stranded
Operating temperature	-20 °C to 60 °C
RoHS	Free of hazardous substances according to RoHS 2002/95/EG

Shipping Information

Units per delivery	1/1
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Part Number Example

Part Number	Description	Units per delivery
CCAIEIA-DS002-A010-C0	FutureCom™ E Patch Cord, FRNC, RJ45 - RJ45 connector, black cable, green boot, 1 m	1/1

Ordering Information

CCAIEIA - D 0 0 2 - A - C 0

1 **2**

1 Select boot colour.

P = Gray S = Green V = Violet
Q = Blue T = Red X = White
R = Yellow U = Black Y = Orange

2 Select length in metres.

005 = 0.5 m 050 = 5.0 m
010 = 1.0 m 075 = 7.5 m
020 = 2.0 m 100 = 10.0 m
030 = 3.0 m



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