

FutureCom™ E Patch Cord, FRNC, RJ45 - RJ45 connector

black / yellow, 2 m

CORNING

The black FutureCom™ Cat.6 patch cords with 2x RJ45 plugs in compliance with IEC 60603-7-5 Ed.1.0 provide transmission performance according to Category 6 specifications of ISO/IEC 11801 Ed.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, an increasing requirement for Gigabit Ethernet. The suitability of the cable for high-bit-rate transmission systems ensures a high degree of future proofing throughout the system.

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 through the different coloured boot options available.

Features

- RJ45 to RJ45 according to IEC 60603-7-5 (2010-04) Ed. 2.0
- Application independent, all four pairs terminated
- Halogen-free (LS0H/LSZH), flame-retardant
- Coloured latch protection
- Supports Gigabit Ethernet
- Category 6 component



Part Number: CCAEIA-DR002-A020-C0



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Specifications

General Specifications

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

Design - Connector A

| | |
|----------------|------------|
| Connector Type | RJ45 - 8/8 |
|----------------|------------|

Mechanical Specifications - Connector A

| | |
|------------|------------|
| Durability | 750 Cycles |
|------------|------------|

Electrical Specifications - Connector

| | |
|-----------------------|-----------|
| Insulation Resistance | > 5000 MΩ |
|-----------------------|-----------|

Design - Connector B

| | |
|----------------|------------|
| Connector Type | RJ45 - 8/8 |
|----------------|------------|

Cable design

| | |
|-------------------------------|------------|
| 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 Characteristics

| | |
|----------------------|----------------|
| Conductor Insulation | Foam Skin PE |
| Copper conductor | AWG26 stranded |

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Mechanical Characteristics

| | |
|-----------------------|-----------------|
| Operating temperature | -20 °C to 60 °C |
| Fire Load | 0.43 MJ/m |

Chemical Characteristics

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

Ordering Information

| | |
|---------------------|---|
| Part Number | CCAIEA-DR002-A020-C0 |
| Product Description | FutureCom™ E Patch Cord, FRNC, RJ45 - RJ45 connector, cable black, boot yellow, 2 m |
| EAN Code | 4042673618782 |
| Colour | Black / Yellow |
| Weight | 0.1 kg |
| Length | 2 m |

Shipping Information

| | |
|--------------------|-----|
| Units Per Delivery | 1/1 |
|--------------------|-----|



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