FutureCom™ D Patch Cord, FRNC, RJ45 - RJ45 connector Red, 2 m

Part Number:
CCADGF-D5002-A020-C0

The application-neutral FutureCom™ D patch cords have four stranded pairs sheathed with a foil shield (F/UTP) and additional with a braid shield (SF/UTP). They are assembled with a shielded RJ45 connector on each end. The zero halogen patch cords (LSZH) are non-corrosive according to IEC 60754-2 (FRNC) and EN 50267, low smoke according to IEC 61034 and EN 50268 and flame retardant according to IEC 60332-1, Category B and EN 50266-2-1. They are available in various lengths and colors.

Features and Benefits

SF/UTP flex cable, specified up to 300 MHz

Application-neutral due to using all four pairs of RJ45 connectors

Minimum surface transfer impedance of cable (<10 mΩ/m at 10 MHz)

Outstanding transmission characteristics according to class D (ISO/IEC 11801 Ed.2.2) link specification

Category 5 / 5e

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Specifications

General Specifications	
Cable Assembly Type	Patch Cords
Environment	Indoor
Category	5/5e
Cable Type	SF/UTP
Halogen-free	Yes

Mechanical Specifications	
Fire Load	0.43 MJ/m
Min. Bend Radius Installation	46 mm

Electrical Specifications	
Delay skew	300 ns/100 m
DC resistance unbalance	4.5 %
Insulation Resistance	150 MΩ*km
Surface transfer impedance	100 mΩ

Specifications - Connector A	
Connector Type	RJ45 - 8/8
Durability Cycles	750 N/A

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Cable Design	
Outer Jacket Material	LSZH™/FRNC
Outer Jacket Color	Red

Specifications - Connector B	
Connector Type	RJ45 - 8/8
Durability Cycles	750 N/A

Standards	
RoHS	Free of hazardous substances according to RoHS 2011/65/EU

Environmental Conditions	
Temperature Range, Installation	0 °C - 50 °C (32 °F - 122 °F)
Temperature Range, Operation	-20 °C - 60 °C (-4 °F - 140 °F)

RoHS COMPLIANT

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