PATCH CORD CAT.8.1 S/FTP – LSZH - DATASHEET

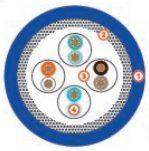
Posted on 26-06-2024 by barpaadminuser

COPPER PATCH CORD 40G 2000MHZ CAT8.1 S/FTP - LSZH - 24 AWG

DESCRIPTION

Flexible, for effective management of network connections, gives the maximum protection from EMI/RFI interference. With up to 4x more speed and frequency than Cat6A, barpa Cat8.1 cable meets and exceeds international standards for Cat8 Class I (2000MHz).





APPLICABLE STANDARDS

• ISO/IEC 11801; • EN 50173; • IEEE 802.3bt PoE Type 1, 2, 3 and 4;
• ANSI/TIA-568.2-D

25 YEARS WARRANTY · LSZH · ROHS · CE

APPLICATIONS

Ethernet 25GBASE-T, 40GBASE-T, ideal for high density server rooms or data centers

MATERIALS

Plug Housing	UL 94V2 Polyester
Conector	8P8C Shielded Male Type
Inner Conductor Diameter (AWG)	24
Jacket	LSZH
Outer Diameter (mm)	7,4 ± 0,3
Mating Cycles/Durability	750
Conductor Material	Flexible Copper

ELECTRICAL CHARACTERISTICS (20°C)

Contact Resistance (mΩ)	< 20
Resistance Unbalance (%)	Max. 4% between pairs
Dielectric Strength (V DC)	Contact to Contact – 1000 Contact to Shield – 1500
Insulation Resistance (mΩ)	≥ 500

INSTALLATION

Temperature Range (Operation) (°C)	-10°C to +60°C
Temperature Range (Installation) (°C)	0°C to +50°C
Bending Radius	8x Cable O.D.

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