

5X8FS8

CAT8 SHIELDED RJ45 CONNECTOR - 5X RANGE



DESCRIPTION

5th generation MMC connectors, the 5X range is intended to be powerful, high-quality, innovative, easy to use and modular.



ADVANTAGES

- Performance: Supports 40Gbit/s
- Modularity: Multi-output flange
- Class I link certified connector
- 35 year warranty
- 4PPoE IEC 60512-99-002 certified



Updated: 1/02/2026

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CONSTRUCTION & TECHNICAL PERFORMANCE

Color	Grey metallic
Connector Format	RJ45
Core Material	Zamak shielded body
Dimensions (W x D x h)	28 x 18 x 47mm
Shielding	Full Shielded
Coding Type	Colour code 568 A et B
Max Compatible Conductor Diameter (mm)	1,45
Insertion Type	Wiring comb
Cover Material	Zamak
CAD Nature	Bronze + Platinum / Cu + SnPb 80µ
Contact Nature	Bronze, Nickel Platinum and Gold 1.2 µm
Grounding	Yes
Compatible Cable Type	Single wires
Compatible Gauge Type	AWG 24 to AWG 22
Cable Outlet Type	Multi-output clamp
Max Compatible Cable Diameter (mm)	9

ELECTRICAL CHARACTERISTICS

Service Voltage (V)	> 1000 Vdc contact à contact
Admissible power	90 W
Contact resistance	< 20 mΩ IEC 60512-2-1 Test 2a
Operating voltage	< 72 Vdc
PoE type	IEC 802.3bt (4PPoE)
Electronic Compensation	Optimized multilayer PCB circuit

TRANSMISSION CHARACTERISTICS

Performance Category	Category 8
Data Transmission Standard	EN 50173-1: 2018, ISO / IEC 11801 Ed3 Class I, ANSI/TIA/EIA-568.2-D CAT8

MECHANICAL CHARACTERISTICS

Insertion Cycle	> 750
Locking Type	Slide locking + rear cable clamp

ENVIRONMENTAL CHARACTERISTIC

IP rating	IP20
RoHS Compliance	RoHS compliant.

ENVIRONMENTAL CHARACTERISTIC

Operating Temperature	-10°C à +60°C
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ADDITIONAL INFORMATION

System Warranty	35 years
Product Packaging	Box
Weight (Kg)	0.043