FutureCom™ S1200 Jack Category 7A and 8.2, silver

CORNING

Part Number:
CAXFSM-00100-C001

The FutureCom S1200 module have been newly characterized to support Category 8.2. and is suitable for the transmission of digital data signals up to 2GHz for conventional applications in compliance with ISO/IEC 11801-1:2017 and EN 50173 Serie:2018-10. Outstanding performance for the transmission of digital data signals for future coming applications up to 25 Gigabit (25GBASE-T) and 40 Gigabit (40GBASE-T) and also in backwards compatible with the Class EA and IEEE 802.3an and 7A/FA standard. For the connection of the cables to the modules there are special tools required (CAXFSN-00000-C001 and CAXCSN-00000-C008). The installation of the jacks into the outlets no special tools are required. The individual single shielding of the jacks is compellingly necessary for these high bit rate applications. The FutureCom F modules are suitable for all installation applications, e.g. ISO 55 -65 raceway and special FututreCom F Hardware. For installation in modular LANscape systems there is a special jack adaptor required (CAXFSN-00110-C001). The electrical characteristics which can be emphasized offer a sufficient future security for all applications (40GbE). FutureCom F system offers transmission -technical possibilities, which comes very close to optical systems and permits therefore multimedia applications such as TV transmission.

Features and Benefits

Bandwidths up to 2000 MHz per pair of wires

Quick and easy to install

IDC connection (IDC = Insulation Displacement Contacts)

Universal usage (direct or with adapter) in many LANscape® components

Negligible disturbance effects from interference through the individual shielding of the jacks

Supports PoE/PoE/+4 PPoE IEEE 802.3bt (Type 3 and Type 4 PPoE)

FutureCom™ S1200 jack, for LANscape® and FutureCom™ S1200 patch panels, outlets, floor boxes, silver

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Specifications

Environmental Conditions	
Environmental compatibility	Recyclable and free of heavy metal
Temperature range, installation	-20 °C to 70 °C

Design	
Jack Type	S1200
Number of Pieces	4
Housing material	Metal
Colour	Silver
Insulation diameter max.	9 mm
Wire Conductor+Insulation diameter max.	1.58 mm

Mechanical Specifications	
IDC Contacts	Suitable for AWG 24-22 solid wires
Reproducibility	Several times reusable
Housing material	Metal

General Specifications	
Dust protection	Yes
Category	7A and 8.2
Halogen-free	Yes
Application	10/25, 40GBase-T
Bandwidth	2000 MHz

Dimensions	
Height	23.7 mm

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Dimensions	
Width	14.4 mm
Depth	63.5 mm

Ordering Information	
Product Number	CAXFSM-00100-C001
EAN Code	4042673038986
Weight	19 g
Packing Weight	30.6 g
Units per delivery	1/1

Standards	
RoHS	Free of hazardous substances according to RoHS 2011/65/EU
Flame retardance	Class UL94 V-0

RoHS COMPLIANT