

Product type designation

Product description

IE FC RJ45 Plug 180 (4x2)

RJ45 data connector

IE FC RJ45 PLUG 180 4X2, RJ45 PLUG CONNECTOR; CAT6A; (10/100/1000/10000MBIT/S); WITH ROBUST METAL HOUSING; FC CONNECTION TECHNOLOGY; FOR IE FC CABLE 4X2 (AWG24) 180 DGR CABLE OUTLET 1 PACKAGE = 50 PCS



Suitability for use

For connection to IE FC TP cables 4x2, suitable for fast assembly with the FastConnect system

Transmission rate

Transfer rate / for Industrial Ethernet

10 Mbit/s, 100 Mbit/s, 1000 Mbit/s, 10000 Mbit/s

Interfaces

Number of electrical connections

- for Industrial Ethernet FC TP cables
- for network components or terminal equipment

8
1

Type of electrical connection

- for Industrial Ethernet FC TP cables
- for network components or terminal equipment

integrated cut-and-clamp contacts for 8-wire TP FC installation cable
RJ45 connector

Type of electrical connection / FastConnect

Yes

Mechanical data

Material / of the enclosure

metal

Design, dimensions and weight

Type of cable outlet

180° cable outlet

Width

13.7 mm

Height

16 mm

Depth

55 mm

Net weight

35 g

Permitted ambient conditions

Ambient temperature	
<ul style="list-style-type: none"> during operation during storage during transport 	<p>-40 ... +85 °C</p> <p>-40 ... +85 °C</p> <p>-40 ... +85 °C</p>
Relative humidity / at 25 °C / without condensation / during operation / maximum	95 %
Protection class IP	IP20

Product properties, functions, components / general

Product property	
<ul style="list-style-type: none"> PoE capability PoE+capability silicon-free 	<p>Yes</p> <p>Yes</p> <p>Yes</p>
Product component	
<ul style="list-style-type: none"> strain relief 	Yes

Standards, specifications, approvals

Certificate of suitability	
<ul style="list-style-type: none"> RoHS conformity UL approval cULus approval Railway application in accordance with EN 50155 	<p>Yes</p> <p>Yes</p> <p>Yes</p> <p>No</p>
Standard for structured cabling	Cat6A

Further Information / Internet Links

Internet-Link	
<ul style="list-style-type: none"> to website: Selector SIMATIC NET SELECTION TOOL to website: Industrial communication to website: Industry Mall to website: Information and Download Center to website: Image database to website: CAx Download Manager to website: Industry Online Support 	<p>http://www.siemens.com/snst</p> <p>http://www.siemens.com/simatic-net</p> <p>https://mall.industry.siemens.com</p> <p>http://www.siemens.com/automation/net/catalog</p> <p>http://automation.siemens.com/bilddb</p> <p>http://www.siemens.com/cax</p> <p>https://support.industry.siemens.com</p>
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