

### Product type designation

Product description

### IE FC RJ45 Plug 90 (2x2)

RJ45 data connector

IE FC RJ45 PLUG 90 2X2, RJ45 PLUG CONNECTOR

(10/100MBIT/S) WITH RUGGED METAL HOUSING AND FC

CONNECTING METHOD FOR IE FC CABLE 2X2 90 DGR CABLE

OUTLET 1 PACK = 1 PCS



### Suitability for use

For connection to IE FC TP cables 2x2, suitable for fast assembly with the FastConnect system

### Transmission rate

Transfer rate / for Industrial Ethernet

10 Mbit/s, 100 Mbit/s

### Interfaces

Number of electrical connections

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

4

1

Type of electrical connection

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

integrated cut-and-clamp contacts for 4-wire TP FC installation cable

RJ45 connector

Type of electrical connection / FastConnect

Yes

### Mechanical data

Material / of the enclosure

metal

Number of reuses

10

### Design, dimensions and weight

Type of cable outlet

90° cable outlet

Width

13.7 mm

Height

16 mm

Depth

42 mm

Net weight

35 g

## Permitted ambient conditions

Ambient temperature	
• during operation	-40 ... +85 °C
• during storage	-40 ... +85 °C
• during transport	-40 ... +85 °C
Relative humidity / at 25 °C / without condensation / during operation / maximum	95 %
Protection class IP	IP20

## Product properties, functions, components / general

Product property	
• PoE capability	Yes
• PoE+capability	Yes
• silicon-free	Yes
Product component	
• strain relief	Yes

## Standards, specifications, approvals

Certificate of suitability	
• RoHS conformity	Yes
• UL approval	Yes
• cULus approval	Yes
• Railway application in accordance with EN 50155	No
Standard for structured cabling	Cat5

## Further Information / Internet Links

Internet-Link	
• to website: Selector SIMATIC NET SELECTION TOOL	<a href="http://www.siemens.com/snst">http://www.siemens.com/snst</a>
• to website: Industrial communication	<a href="http://www.siemens.com/simatic-net">http://www.siemens.com/simatic-net</a>
• to website: Industry Mall	<a href="https://mall.industry.siemens.com">https://mall.industry.siemens.com</a>
• to website: Information and Download Center	<a href="http://www.siemens.com/automation/net/catalog">http://www.siemens.com/automation/net/catalog</a>
• to website: Image database	<a href="http://automation.siemens.com/bilddb">http://automation.siemens.com/bilddb</a>
• to website: CAx Download Manager	<a href="http://www.siemens.com/cax">http://www.siemens.com/cax</a>
• to website: Industry Online Support	<a href="https://support.industry.siemens.com">https://support.industry.siemens.com</a>
<b>last modified:</b>	24.04.2015