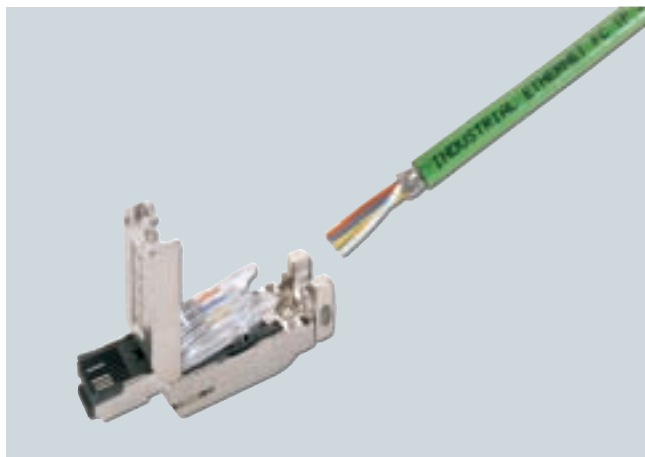


PROFINET/Industrial Ethernet

Passive network components

IE FC RJ45 Plug 2 x 2

Overview



- Implementation of direct device connections of up to 60 m with Industrial Ethernet FC installation cable 4 x 2 without using patch technology
- Easy connection (insulation displacement contacts) for 8-core twisted pair installation cables (10/100/1000 Mbit/s) without the need for special tools
- Error-minimizing connection technique thanks to visible connection area as well as colored insulation displacement termination
- Industry-compatible design (rugged metal housing, no easily lost small parts)
- Excellent EMC shielding and deflection (metal housing)
- Integrated strain-relief for installation cables
- Compatible with the EN 50173 (RJ45) / ISO IEC 11801 standard
- Additional strain and bending relief of plug connector possible through latching of plug on device housing, e.g. with SCALANCE X, SCALANCE S.

Ordering data

Order No.

IE FC RJ45 Plug

RJ45 plug connector for Industrial Ethernet (10/100/1000 Mbit/s) with a rugged metal housing and integrated insulation displacement contacts for connecting Industrial Ethernet FC installation cables

IE FC RJ45 Plug 180

180° cable outlet; for network components and CPs/CPU with Industrial Ethernet interface

- 1 pack = 1 unit
- 1 pack = 10 units
- 1 pack = 50 units

6GK1 901-1BB11-2AA0

6GK1 901-1BB11-2AB0

6GK1 901-1BB11-2AE0

IE FC RJ45 Plug 90

90° cable outlet; e.g. for ET 200S

- 1 pack = 1 unit
- 1 pack = 10 units
- 1 pack = 50 units

6GK1 901-1BB20-2AA0

6GK1 901-1BB20-2AB0

6GK1 901-1BB20-2AE0

IE FC RJ45 Plug 145

145° cable outlet; e. g. for SIMOTION and SINAMICS

- 1 pack = 1 unit
- 1 pack = 10 units
- 1 pack = 50 units

6GK1 901-1BB30-0AA0

6GK1 901-1BB30-0AB0

6GK1 901-1BB30-0AE0

IE FC stripping tool

Pre-adjusted stripping tool for fast stripping of Industrial Ethernet FC cables

6GK1 901-1GA00

IE FC TP Standard Cable GP 2 x 2 (Type A)

Sold by the meter

6XV1 840-2AH10

Max. length

- 1000 m

6XV1 840-2AU10

IE FC TP Flexible Cable GP 2 x 2 (Type B)

6XV1 870-2B

IE FC TP Trailing Cable GP 2 x 2 (Type C)

6XV1 870-2D

IE FC TP Trailing Cable 2 x 2 (Type C)

6XV1 840-3AH10

IE TP Torsion Cable GP 2 x 2 (Type C)

6XV1 870-2F

IE FC TP Marine Cable 2 x 2 (Type B)

6XV1 840-4AH10

IE FC TP FRNC Cable GP 2 x 2 (Type B)

6XV1 871-2F

IE FC TP Festoon Cable GP 2 x 2 (Type B)

6XV1 871-2S

IE FC TP Food Cable GP 2 x 2 (Type C)

6XV1 871-2L

IE FC Blade Cassettes (5 mm)

6XV1 870-2B

PROFINET/Industrial Ethernet

Passive network components

IE Push Pull Plug PRO

Overview



- Data plug-in connectors suitable for on-site assembly for IE FC TP and POF/PCF cables for transmitting data up to 100 Mbit/s
- Power plug-in connector suitable for on-site assembly for transmitting 2 x 24 V between Industrial Ethernet stations
- Degree of protection IP65/67
- The plug-in connectors make contact using a push-pull mechanism.

IE RJ45 Plug PRO

- Industrial Ethernet RJ45 plug-in connector suitable for on-site assembly for SCALANCE X-200IRT PRO and SIMATIC ET200pro switches
- Simple connection (insulation displacement contacts) for 4-core Twisted Pair FC installation cables (100 Mbit/s) without special tool
- Industrial design (rugged plastic housing)
- Good EMC shielding and discharge

IE SC RJ Plug PRO

- Industrial Ethernet SC RJ plug-in connector suitable for on-site assembly of:
 - POF cables for SCALANCE X-200IRT PRO and SIMATIC ET200pro switches
 - PCF cables for SCALANCE X-200IRT PRO switches
- Industrial design (rugged plastic housing)

Power Plug PRO

- 5-pole power plug-in connector suitable for on-site assembly, for 2 x 24 V voltage supply of the SCALANCE X-200IRT PRO and SIMATIC ET200pro switches

Ordering data

Order No.

IE Push Pull Plug PRO

RJ45 plug-in connector suitable for on-site assembly in degree of protection IP65/67; plastic casing

IE RJ45 Plug PRO

plastic casing, insulation displacement technology
1 package = 1 unit

IE SC RJ POF Plug PRO

for POF fiber optic cables
1 package = 1 unit

IE SC RJ PCF Plug PRO

for PCF fiber optic cables
1 package = 1 unit

Power Plug PRO

for 2 x 24 V voltage supply
1 package = 1 unit

6GK1 901-1BB10-6AA0

6GK1 900-0MB00-6AA0

6GK1 900-0NB00-6AA0

6GK1 907-0AB10-6AA0

IE FC TP cables

IE FC TP Standard Cable GP 2 x 2 (Type A)

6XV1 840-2AH10

IE FC TP Flexible Cable GP 2 x 2 (Type B)

6XV1 870-2B

IE FC TP Trailing Cable GP 2 x 2 (Type C)

6XV1 870-2D

IE FC TP Trailing Cable 2 x 2 (Type C)

6XV1 840-3AH10

IE TP Torsion Cable 2 x 2 (Type C)

6XV1 870-2F

IE FC TP Marine Cable 2 x 2 (Type B)

6XV1 840-4AH10

IE FC TP Food Cable GP 2 x 2 (Type C)

6XV1 871-2L

IE FC TP Festoon Cable GP 2 x 2 (Type B)

6XV1 871-2S

IE FC TP FRNC Cable GP 2 x 2 (Type B)

6XV1 871-2F

FO cables

POF Standard Cable GP 980/1000

6XV1 874-2A

sold by the meter

POF Trailing Cable 980/1000

6XV1 874-2B

with rugged PUR sheath;
sold by the meter

PCF Standard Cable GP 200/230

6XV1 861-2A

sold by the meter

PCF Trailing Cable 200/230

6XV1 861-2C

sold by the meter

PCF Trailing Cable GP 200/230

6XV1 861-2D

sold by the meter

Power cables

Energy Cable 5 x 1,5

6XV1 830-8AH10

sold by the meter