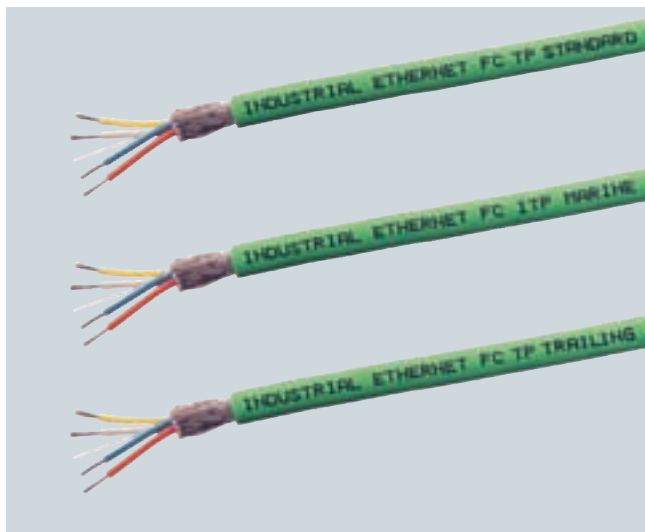


# PROFINET/Industrial Ethernet

## Passive network components

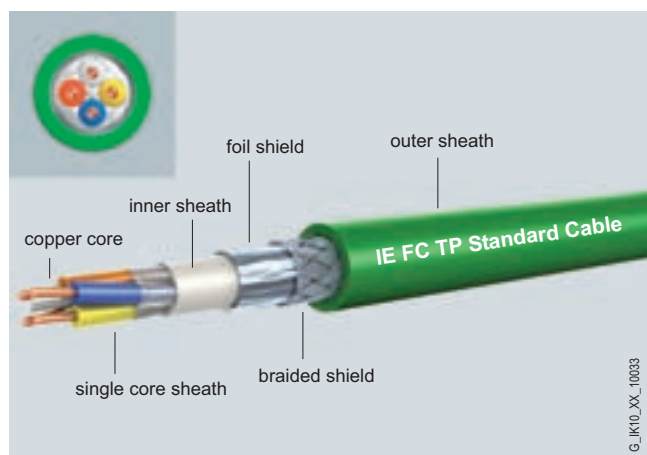
### IE FC TP Cable 2 x 2

#### Overview



- For structured cabling in the factory hall; specially designed for fast assembly
- Easy stripping with the FastConnect Stripping Tool; the outer sheath and the braided shield are stripped accurately in one step
- Connection to FastConnect products using insulation displacement
- Exceeds Category 5 (Cat5e) of the international cabling standards ISO/IEC 11801 and EN 50173
- PROFINET-compatible
- UL approval
- Different variants for different applications
  - IE FC TP Standard Cable GP
  - IE FC TP Flexible Cable GP
  - IE FC TP FRNC Cable GP
  - IE FC TP Trailing Cable GP
  - IE FC TP Trailing Cable
  - IE FC TP Festoon Cable
  - IE FC TP Festoon Cable GP
  - IE TP Torsion Cable
  - IE FC TP Food Cable
  - IE FC TP Marine Cable
- High interference immunity thanks to double shielding
- Easy length measurement thanks to printed meter markings

#### Design



#### Ordering data

#### Order No.

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

4-core, shielded TP installation cable for connection to IE FC Outlet RJ45/ IE FC RJ45 Plug; PROFINET-compatible; with UL approval;

Sold by the meter

max. length 1,000 m; minimum order 20 m

Preferred length

- 1000 m

**6XV1 840-2AH10**

**6XV1 840-2AU10**

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

4-core, shielded TP installation cable for connection to IE FC Outlet RJ45/ IE FC RJ45 Plug for occasional movement; PROFINET-compatible; with UL approval; sold by the meter; max. length 1000 m, minimum order 20 m

**6XV1 870-2B**

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

4-core, shielded, halogen-free TP installation cable for connection to IE FC Outlet RJ45/ IE FC RJ45 Plug for occasional movement; PROFINET-compatible; with UL approval; sold by the meter; max. length 1000 m, minimum order 20 m

**6XV1 871-2F**

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

4-core, shielded TP installation cable for connection to IE FC Outlet RJ45/ IE FC RJ45 Plug for use in trailing cables; PROFINET-compatible; with UL approval; sold by the meter; max. length 1000 m, minimum order 20 m

**6XV1 870-2D**

# PROFINET/Industrial Ethernet

## Industrial Ethernet Switches

### Compact Switch Module CSM 377

#### Overview



- For the connection of a SIMATIC S7-300 with integral PROFINET interface or with an Industrial Ethernet CP or ET 200M to an Industrial Ethernet in an electrical linear, tree or star structure
- As many as three additional nodes can be connected
- As an unmanaged switch, the CSM 377 is used for integrating small machines into existing automation networks or for the standalone operation of the machines
- Simple, space-saving attachment to S7-300 mounting rail due to design as single-width module in S7-300 format
- Economical solution for the implementation of small, local Ethernet networks
- Rugged, industry-standard node connections with PROFINET-compliant RJ45 connectors that latch onto the enclosure to offer additional strain and bending relief

#### Ordering data

#### Order No.

##### Compact Switch Module CSM 377

Unmanaged switch for the connection of a SIMATIC S7-300, ET200M and as many as three other nodes to an Industrial Ethernet operating at 10/100 Mbit/s; 4 x RJ45 ports; external 24 V DC power supply, LED diagnostics, S7-300 module incl. electronic equipment manual on CD-ROM

**6GK7 377-1AA00-0AA0**

##### Accessories

##### IE TP Cord RJ45/RJ45

TP cable 4 x 2  
with 2 RJ45 connectors

- 0.5 m

**6XV1 870-3QE50**

##### IE FC TP standard cable GP 2 x 2 (Type A)

4-core, shielded TP installation cable for connection to IE FC outlet RJ45/ IE FC RJ45 plug; PROFINET-compliant; with UL approval; sold by the meter; max. quantity 1000 m, minimum order 20 m

**6XV1 840-2AH10**

##### IE FC trailing cable 2 x 2 (Type C)

4-core, shielded TP installation cable for connection to IE FC outlet RJ45/ IE FC RJ45 plug 180/90 for tow chain use; PROFINET-compliant; with UL approval; sold by the meter; max. quantity 1000 m, minimum order 20 m

**6XV1 840-3AH10**

##### IE FC RJ45 Plug 180

RJ45 plug connector for Industrial Ethernet with a rugged metal housing and integrated insulation displacement contacts for connecting Industrial Ethernet FC installation cables; 180° cable outlet; for network components and CPs/CPU's with Industrial Ethernet interface

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

**6GK1 901-1BB10-2AA0**

**6GK1 901-1BB10-2AB0**

**6GK1 901-1BB10-2AE0**

##### IE FC stripping tool

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

**6GK1 901-1GA00**

##### IE FC RJ45 outlet

For connecting Industrial Ethernet FC cables and TP Cords; block pricing for quantities of more than 10 or 50 units

**6GK1 901-1FC00 0AA0**

##### SIMATIC NET Manual Collection

Electronic manuals for communication systems, communication protocols, and communication products; on DVD; German/English

**6GK1 975-1AA00-3AA0**