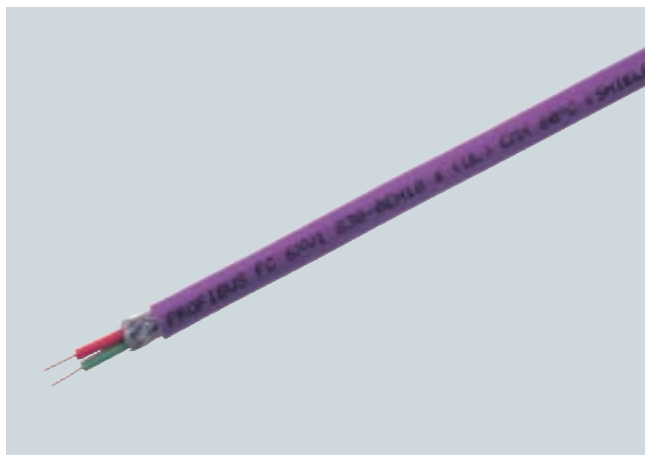


PROFIBUS

Electrical networks (RS485)

PROFIBUS bus cables

Overview



- Different variants for different application areas (e.g. underground cables, trailing cables, hazardous area (zone 1 and zone 2))
- High interference immunity thanks to double shielding
- Flame-retardant bus cable (halogen-free)
- Easy length measurement thanks to printed meter markings
- UL approvals

Ordering data

Order No.

PROFIBUS FC Standard Cable GP

Standard type with special design for fast mounting, 2-core, shielded,

Sold by the meter;
delivery unit max. 1000 m,
minimum order quantity 20 m

Preferred lengths

- 20 m
- 50 m
- 100 m
- 200 m
- 500 m
- 1000 m

6XV1 830-0EH10

6XV1 830-0EN20

6XV1 830-0EN50

6XV1 830-0ET10

6XV1 830-0ET20

6XV1 830-0ET50

6XV1 830-0EU10

In spool box

- 50 m
- 100 m

6XV1 830-1EN50

6XV1 830-1ET10

PROFIBUS FC Standard Cable IS GP

Standard type with special design for quick assembly, 2-core, shielded, for intrinsically safe distributed I/O systems

Sold by the meter;
max. length 1000 m,
minimum order 20 m

6XV1 831-2A

PROFIBUS FC Robust Cable

2-core, shielded

Sold by the meter;
max. length 1000 m,
minimum order 20 m

6XV1 830-0JH10

PROFIBUS FC Food Cable

2-core, shielded

Sold by the meter;
max. length 1000 m,
minimum order 20 m

6XV1 830-0GH10

PROFIBUS FC Ground Cable

2-core, shielded

Sold by the meter;
max. length 1000 m,
minimum order 20 m

6XV1 830-3FH10

PROFIBUS FC Flexible Cable

2-core, shielded

Sold by the meter;
max. length 1000 m,
minimum order 20 m

6XV1 831-2K

PROFIBUS FC Trailing Cable

2-core, shielded

Sold by the meter;
max. length 1000 m,
minimum order 20 m

6XV1 830-3EH10

Network transitions

Industrial Ethernet – PROFIBUS network transition

IE/PB Link PN IO

Ordering data	Order No.		Order No.
IE/PB Link PN IO Network transition between Industrial Ethernet and PROFIBUS with PROFINET IO functionality, TCP/IP, S7 routing and data record routing, 10/100 Mbit/s Fast Ethernet, 9.6 to 12 Mbit/s PROFIBUS; including electronic manual on CD-ROM German, English, French, Spanish, Italian	6GK1 411-5AB00	PROFIBUS FastConnect bus connector RS485 with 90° cable outlet With insulation displacement terminals, max. transmission rate 12 Mbit/s <ul style="list-style-type: none"> • without PG interface • with PG interface 	6ES7 972-0BA51-0XA0 6ES7 972-0BB51-0XA0
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; with 180° cable outlet; for network components and CPUs/CPUs with Industrial Ethernet interface <ul style="list-style-type: none"> • 1 pack = 1 unit • 1 pack = 10 units • 1 pack = 50 units 	6GK1 901-1BB10-2AA0 6GK1 901-1BB10-2AB0 6GK1 901-1BB10-2AE0	PROFIBUS FastConnect RS485 bus connector with angled cable outlet (35°) With insulation displacement terminals, max. transmission rate 12 Mbit/s <ul style="list-style-type: none"> • without PG interface • with PG interface 	6ES7 972-0BA60-0XA0 6ES7 972-0BB60-0XA0
SCALANCE X204-2 Industrial Ethernet switch with four 10/100 Mbit/s RJ45 ports and two fiber-optic ports	6GK5 204-2BB10-2AA3	PROFIBUS FastConnect bus connector RS485 Plug 180 with insulation displacement terminals, with 180° cable outlet, for industrial PC, SIMATIC HMI OP, OLM; max. transmission rate 12 Mbit/s	6GK1 500-0FC10
Industrial Ethernet Switch SCALANCE X308-2 2 x 1000 Mbit/s multi-mode fiber-optic ports (SC sockets), 1 x 10/100/1000 Mbit/s RJ45 port, 7 x 10/100 Mbit/s RJ45 ports; for glass fiber-optic cables (multi-mode) up to a max. 750 m.	6GK5 308-2FL00-2AA3	PROFIBUS FastConnect Stripping Tool Preadjusted stripping tool for fast stripping of PROFIBUS FastConnect bus cables	6GK1 905-6AA00
C-PLUG Swap medium for simple replacement of devices in the event of a fault; for storing configuration or engineering and application data; can be used for SIMATIC NET products with C-PLUG slot	6GK1 900-0AB00	S7-300 mounting rail S7-300 PS 307 load power supply 24 V DC	6ES7 390-1AB60-0AA0 6ES7 307-1BA00-0AA0
PROFIBUS FC Standard Cable GP Standard type with special design for fast mounting, 2-core, shielded	6XV1 830-0EH10	NCM S7 configuring software for Industrial Ethernet Manual Twisted Pair and fiber-optic networks Paper version Network architecture, project management, network components, installation <ul style="list-style-type: none"> • German • English 	Auslieferung mit STEP 7 V5 6GK1 970-1BA10-0AA0 6GK1 970-1BA10-0AA1
		Manual for PROFIBUS networks Paper version Network architecture, project management, network components, installation <ul style="list-style-type: none"> • German • English 	6GK1 970-5CA20-0AA0 6GK1 970-5CA20-0AA1