

# Profi-bus cable

## L2-FIP, DP, FMS 150



**Application:** Profibus is an international fieldbus-standard for universal application in production and process automation. For fixed indoor installation.

### Construction and technical data:

<b>Conductor material:</b>	copper, bare
<b>Insulation:</b>	foam skin
<b>Screen:</b>	aluminium foil + tinned copper braid
<b>Sheathing material:</b>	PVC
<b>Flame-retardant:</b>	VDE 0482-332-1-2/IEC 60332-1-2
<b>UV-resistant:</b>	yes
<b>Permitted outer cable temperature, fixed, °C:</b>	-40 - +80 °C
<b>Bending radius, fixed installation:</b>	8 x Ø
<b>Impedance:</b>	150 Ohm



*The products and information presented here are for technical calculation only. They are subject to technical progress and in no way represent the ability of shipment. Outer diameters are approximately.*

### FIELD- and PROFIBUS cable - violet

<b>Loop resistance:</b>	110 Ohm/km
<b>Maximum operating capacity:</b>	30 nF/km
<b>Core identification:</b>	red, green
<b>peak operating voltage, V:</b>	250 V

part no.	part name	Ø [mm]	Cu [kg/km]	G [kg]
100575	Profibus PVC L2/FIP/DP/FMS 2Y(St)CY 1X2X0.64 VI	7.8	29	57
100576	Profibus Fast Connect L2/FIP/DP/FMS 2YY(St)CY 1X2X0.64 VI	7.8	29	60
100577	Profibus PVC-combined cable L2/FIP/DP/FMS 2Y(St)CY 1X2X0.64 + 3X1 VI	9.8	49	92

FIELD- and PROFIBUS cable - blue

**Loop resistance:** 110 Ohm/km  
**Maximum operating capacity:** 30 nF/km  
**Core identification:** red, green  
**peak operating voltage, V:** 250 V

part no.	part name	Ø [mm]	Cu [kg/km]	G [kg]
101725	Profibus L2/FIP/DP/FMS Insta. Universal, PVC-FR Fast Connect, cUL 1X2X0.64 BU	8.2	29	79

Ø | outer diameter approx.

Cu | Copper weight (GER)

G | net weight per 1000