

# Profi-bus cable L2-FIP, DP, FMS 150, FRNC



<b>Conductor material:</b>	copper, bare
<b>Conductor class:</b>	class 1 = solid
<b>Insulation:</b>	polyethylene
<b>Screen:</b>	aluminium foil + copper braid, tinned
<b>Sheathing material:</b>	special FRNC-compound
<b>Flame-retardant:</b>	VDE 0482-266-2-2/IEC 60332-3-22 (Cat. A)
<b>Smoke density:</b>	DIN EN 61034/IEC 61034
<b>Halogen-free:</b>	DIN EN 50267/IEC 60754
<b>Permitted outer cable temperature, fixed:</b>	-25 - +80 °C
<b>Bending radius, fixed installation:</b>	8 x DA
<b>Impedance:</b>	150 Ohm
<b>Maximum operating capacity:</b>	30 nF/km
<b>Loop resistance:</b>	110 Ohm/km
<b>peak operating voltage:</b>	250 V
<b>Core identification:</b>	red, green

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



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.

Table: Technical characteristics FIELD- and PROFIBUS cable

p/n	part name	D <sub>A</sub> [mm]	Cu [kg/km]	G [kg/km]
101723	Profibus L2/FIP/DP/FMS Insta. FRNC 2Y(St)CH 01X2X0,64 violet sheath	7,8	29	55
100544	Profibus FRNC L2/FIP/DP/ FMS 2Y(St)CH 01X2X0,64 green sheath	7,8	29	55

DA	Outer diameter approx.
Cu	Copper weight (GER)
G	weight