

# PROFIBUS L2

for fixed installation



## Technical specifications

	<b>1×2×0,64 mm inner</b>	<b>1×2×0,64 mm outer</b>
<b>Typ</b>		
<b>Core:</b>	solid bare copper core	solid bare copper core
<b>Insulation:</b>	foam PE	foam PE
<b>Color of insulation:</b>	red, green	red, green
<b>Construction:</b>	2 cores + 2 fillers stranded together wrapped with plastic Al-PET foil, longitudinal Cu braiding, tinned	2 cores + 2 fillers stranded together wrapped with plastic Al-PET foil, longitudinal Cu braiding, tinned
<b>Sheath:</b>	PVC	PE
<b>Outer diameter:</b>	approx. 8,2 mm	approx. 8,5 mm
<b>Sheath color:</b>	violet	black
<b>Characteristic impedance:</b>	150 Ω ± 10%	150 Ω ± 10%
<b>Loop resistance:</b>	min.115 Ω × km	min.115 Ω × km
<b>Insulation resistance:</b>	min.1 GΩ × km	min.1 GΩ × km
<b>Transfer rate:</b>	1500 kBit/s max. 200 m	1500 kBit/s max. 200 m
<b>Capacitance:</b>	30 nF/km	30 nF/km
<b>Attenuation:</b>	at 9,6 kHz < 2,5 dB 38,4 kHz < 4,0 dB 4 Mhz < 22,0 dB 16 Mhz < 42,0 dB	at 9,6 kHz < 2,5 dB 38,4 kHz < 4,0 dB 4 Mhz < 22,0 dB 16 Mhz < 42,0 dB
<b>Cable weight:</b>	approx. 72 kg/km	approx. 85 kg/km
<b>Minimum bending radius:</b>	approx. 7,5× cable diameter	approx. 7,5× cable diameter
<b>Temperature range:</b>	-40 °C to +70 °C	-40 °C to +70 °C
<b>Copper weight::</b>	27 kg/km	27 kg/km

## Norms

DIN 19 245 and EN 50170

## Application

This system cable is used to connect for example Siemens L2-DP, F.I.P. – fieldbus systems etc. This cable is economical solution for the cell – and field area. It is also suitable for the information exchange between different automation systems as well as to the connected decentralised field units and field bus systems. The mentioned types are designed for indoor – and outdoor installation and have a special PVC – or PE – sheath.

## Part No.

06814482, PROFIBUS L2 LSOH type – green

0681448, PROFIBUS L2 inner type – violet

0680792, PROFIBUS L2 outer type – black

## Note

Conforms to RoHS.

"Fast connect" version upon request.