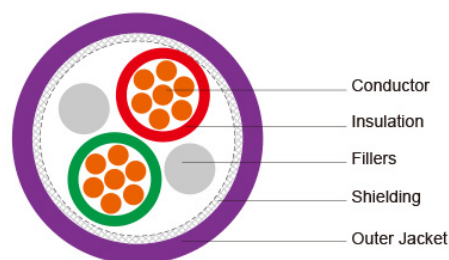


## Profibus L2 ,7-wire



### Application:

This system cable is used to interconnect L2-BUS components. This cable is an economical solution for the cell and field area. For the information exchange between different automation systems as well as for communication with the connected decentralized field units, serial field bus systems are used. With this cord design, the type mentioned here is suitable for laying in regular mobile applications and is equipped with a special PVC jacket.

### Construction:

Type/Area of Application	Mobile Use
Cable Construction	1x2x0.64 mm (stranded)
Inner Conductor Diameter 1	Copper, bare (AWG 22/1)
Conductor Insulation	Foam-skin-PE
Conductor Colors 1	Red, green
Stranding Element	2 conductors + 2 fillers stranded together
Shielding 1	Polyester foil over stranded bundle
Shielding 2	Polyester foil, aluminum lined
Total Shielding	Copper braid, tinned
Outer Jacket Material	PVC
Outer Diameter	7.8 mm ± 0.3 mm
Outer Jacket Color	Violet

### Electrical Data:

Characteristic Impedance@3-20MHz	150 Ω ± 10 Ω
Conductor Resistance	86.7 Ohm/km max.
Insulation Resistance	1.00 GOhm x km min.

<b>Mutual Capacitance@1 KHz</b>	30.0 nF/km nom.		
<b>Working Voltage</b>	Max: 250 V		
<b>Test Voltage</b>	1.5 KV		
<b>Attenuation</b>	9.6kHz	<	3.0dB/km
	38.4kHz	<	5.0dB/km
	4.0MHz	<	26.0dB/km
	16.0MHz	<	55.0dB/km

Technical Data:

<b>Weight</b>	approximately 75.0 kg/km
<b>Min. Bending Radius for Laying</b>	10 x OD mm
<b>Operating Temperature Range, min.</b>	-20 °C
<b>Operating Temperature Range, max.</b>	+70 °C