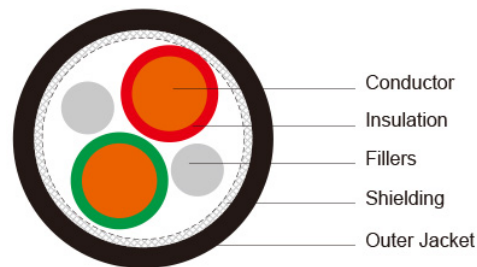


Profibus L2 Outdoor + Industry



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. The types mentioned here are suitable for outdoor laying (PE jacket) and industry laying (PUR jacket).

Construction:

Type/Area of Application	Fixed Installation, Outdoor /Heavy Duty
Cable Construction	1x2x0.64 mm
Inner Conductor Diameter	Copper, bare (AWG 22/1)
Conductor Insulation	Foam-skin-PE
Conductor Colors	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	Cu braid, tinned
Outer Jacket Material	PE/PUR
Outer Diameter	8.0 mm ± 0.4 mm
Outer Jacket Color	Black

Electrical Data:

Characteristic Impedance @3-20MHz	150 Ω ± 10 Ω
Conductor Resistance	55.0 Ohm/km max.
Insulation Resistance	1.00 GOhm x km min.

Mutual Capacitance@1 KHz	30.0 nF/km nom.		
Working Voltage	Max: 250 V		
Test Voltage	1.5 KV		
Attenuation	9.6kHz	<	2.5dB/km
	38.4kHz	<	4.0dB/km
	4.0MHz	<	22.0dB/km
	16.0MHz	<	42.0dB/km

Technical Data:

Weight	approximately 66.0 kg/km
Min. Bending Radius (Laying)	15 x OD mm
Operating Temp.Range, min.	-40 °C
Operating Temp.Range, max.	+70 °C