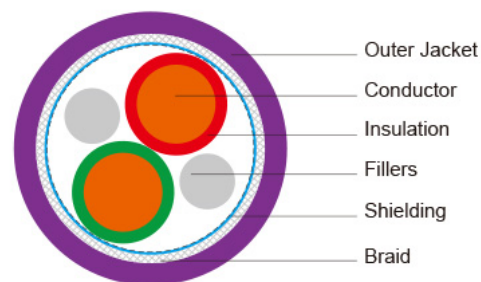


**Profibus SK Indoor + Outdoor**



**Application:**

The application of these Profibus SK cables are in the cell and field area, just as for conventional types. The great advantage of this new system is the quick connection of the cable to the respective plugs. This type of processing also avoids errors. The above mentioned types are suitable for indoor- or outdoor installation and are equipped with a special PVC or PE jacket.

**Construction:**

<b>Type/Area of Application</b>	Fixed Installation, Indoor /Outdoor
<b>Cable Construction</b>	1x2x0.64 mm
<b>Inner Conductor Diameter 1</b>	Copper, bare (AWG 22/1)
<b>Conductor Insulation</b>	Foam-skin-PE
<b>Conductor Colors</b>	red, green
<b>Stranding Element</b>	2 conductors + filler
<b>Shielding</b>	Polyester foil over stranded bundle
<b>Shielding 2</b>	Polyester foil, aluminum-lined
<b>Total Shielding</b>	Copper braid, tinned
<b>Outer Jacket Material</b>	PVC/PE
<b>Outer Diameter</b>	8.0 mm ± 0.4 mm
<b>Outer Jacket Color</b>	Violet /Black

**Electrical Data:**

<b>Characteristic Impedance @3-20MHz</b>	150 Ω ± 10 Ω
<b>Conductor Resistance</b>	57.1 Ohm/km max.
<b>Insulation Resistance</b>	1.00 GOhm x km min.

<b>Mutual Capacitance@1KHz</b>	35.0 nF/km nom.		
<b>Working Voltage</b>	300 V		
<b>Test Voltage</b>	1.5 KV		
<b>Attenuation:</b>	9.6kHz	<	2.5dB/km
	38.4kHz	<	4.0dB/km
	4.0MHz	<	22.0dB/km
	16.0MHz	<	42.0dB/km

Technical Data:

<b>Weight</b>	approximately 75.0 kg/km	approximately 65.0 kg/km
<b>Min. Bending Radius (Laying)</b>	15 x OD mm	15 x OD mm
<b>Operating Temp.Range, min.</b>	- 40 °C	- 40 °C
<b>Operating Temp.Range, max.</b>	+70 °C	+70 °C