

## Data and communication cable Highflex Profibus



**Application** : Data communication cable for use in profibus systems. The highflex profibus is suitable for use in cable chains or dynamic applications.

**TECHNICAL DATA** : TYPE Profibus

Dimension	: 1 x 2 x 0.25
Stranding element	: Pairs
Conductor material	: Copper, bare
Conductor category	: Class 6 = very flexible
Core insulation material	: Polypropylene
Core identification	: Colour
Material outer sheath	: Polyurethane (PUR)
Screen over stranding element	: None
Screen over stranding	: Braiding
Halogen free (acc. IEC 60754-2)	: Yes
Longitudinal water blocking	: No
Halogen free (acc. EN 60754-1/2)	: Yes
Radial water blocking	: No
Low smoke (acc. IEC 61034-2)	: No
Low smoke (acc. BS EN 61034-2)	: No
Armouring	: No
Oil resistant (acc. IEC 60811-404)	: Yes
Colour outer sheath	: Other
Permitted cable outer temperature after assembling without vibration	: -25°C to 80°C
Flame retardant	: In accordance with EN 60332-1-2
No. bending cycli	: 4000000
Circuit integrity	: No
Number of stranding elements	: 1
Outdoor use permitted	: No
UV resistant	: No
Armouring/reinforcement	: None
Conductor surface	: Bare
Longitudinal water blocking cable	: No
Radial water blocking cable	: No
	: Round
Oil resistant (acc. EN 60811-404)	: Yes
Underground installation	: No
	: No



# JOBARCO

: No  
: Yes  
: Yes

<b>ProductNr</b>	<b>Bending radius (mm)</b>	<b>Outer diameter approx. (mm)</b>	<b>Min. permitted bending radius, moving application with forced guidance (mm)</b>	<b>Min. permitted bending radius, moving application/free movement (mm)</b>	<b>Min. permitted bending radius, stationary application/permanent installation (mm)</b>
0159701	35	4.7	35	35	35
0159706	80	8	80	80	80