

Data and communication cable Highflex PROFINET



Application	: Data communication cable for use in profinet systems. The highflex profinet is suitable for use in cable chains or dynamic applications.
TECHNICAL DATA	: 0159989
Standards	: UL Standard 444
Remarks	: Please see the special mounting instructions: http://www.jobarco.com/media/content/installation_guide_for_highflex_cables.pdf
Dimension	: 2 x 2 x AWG22
Stranding element	: Pairs
Conductor material	: Copper, tinned
Conductor category	: Class 5 = flexible
Core insulation material	: Polyolefin
Core identification	: Colour
Material outer sheath	: Polyurethane (PUR)
Screen over stranding element	: None
Screen over stranding	: Foil + 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	: Green
Permitted cable outer temperature during assembling/handling	: -30°C to 70°C
Permitted cable outer temperature after assembling without vibration	: -30°C to 70°C
Category	: 5E
Flame retardant	: In accordance with EN 60332-1-2
No. bending cycli	: 3000000
Bending radius	: 52mm
Number of stranding elements	: 2
Outer diameter approx.	: 6.5mm
Outdoor use permitted	: No
UV resistant	: No
Armouring/reinforcement	: None
Conductor surface	: Tinned
AWG size	: 22
	: Round
Oil resistant (acc. EN 60811-404)	: Yes
Min. permitted bending radius, moving application with forced guidance	: 52mm
Min. permitted bending radius, moving application/free movement	: 52mm
Min. permitted bending radius, stationary application/permanent installation	: 52mm
Underground installation	: No
	: No
	: No
	: Yes
	: Yes



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