

Data and communication cable Highflex Cat 6



Application

: Flexible shielded bus cable for TCP/IP -Fast Ethernet-cat. 61000 Mbit/s applications, max. 250 MHz. Especially suitable for use in cable chains. According to IEC 61156-6, EN 50173 and ISO 11801.

TECHNICAL DATA

Standards	: C(UL)us 444.
Dimension	: 4 x 2 x AWG26
Stranding element	: Pairs
Conductor material	: Copper, tinned
Conductor category	: Class 6 = very 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	: Blue
Permitted cable outer temperature during assembling/handling	: -5°C to 70°C
Permitted cable outer temperature after assembling without vibration	: -40°C to 80°C
Category	: 6
Flame retardant	: No
No. bending cycli	: 3000000
Circuit integrity	: No
Bending radius	: 117mm
Number of stranding elements	: 4
Outer diameter approx.	: 7.8mm
Outdoor use permitted	: No
UV resistant	: No
Armouring/reinforcement	: None



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Conductor surface	: Bare
AWG size	: 26
Longitudinal water blocking cable	: No
Radial water blocking cable	: No
	: Round
Oil resistant (acc. EN 60811-404)	: Yes
Min. permitted bending radius, moving application with forced guidance	: 117mm
Min. permitted bending radius, moving application/free movement	: 117mm
Min. permitted bending radius, stationary application/permanent installation	: 117mm
Underground installation	: No
	: No
	: Yes
	: Yes
	: Yes

ProductNr

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