

Data and communication cable Highflex Cat 5E-X



Application	: Flexible shielded bus cable for TCP/IP -Fast Ethernet-cat. 5E, 1000 Mbit/s applications. Especially suitable for use in cable chains. According to EN 50173 and ISO 11801.
TECHNICAL DATA	: 0159993
Remarks	: Jacket colour = RAL5021.
Dimension	: 4 x 2 x AWG26
Stranding element	: Pairs
Conductor material	: Copper, bare
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	: 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 50°C
Permitted cable outer temperature after assembling without vibration	: -30°C to 80°C
Category	: 5E
Flame retardant	: No
No. bending cycli	: 7000000
Bending radius	: 63mm
Circuit integrity	: No
Number of stranding elements	: 4
Outer diameter approx.	: 6.3mm
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	: 63mm
Min. permitted bending radius, moving application/free movement	: 63mm
Min. permitted bending radius, stationary application/permanent installation	: 63mm
Underground installation	: No
	: No
	: Yes
	: Yes
	: Yes