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Data and communication cable Highflex Cat 5E-UL



Application

: Flexible shielded bus cable for TCP/IP -Fast Ethernet-cat. 5E1000 Mbit/s applications. Especially suitable for use in cable chains. According to EN 50173 and ISO 11801. UL Style 20963.

TECHNICAL DATA

: 0159991

Standards

: UL20963.

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

: 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 50°C

Permitted cable outer temperature after assembling without vibration

: -40°C to 80°C

Category

: 5E

Flame retardant

: No

No. bending cycli

: 3000000

Circuit integrity

: No

Bending radius

: 92mm

Number of stranding elements

: 4

Outer diameter approx.

: 6.7mm

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	: 92mm
Min. permitted bending radius, moving application/free movement	: 92mm
Min. permitted bending radius, stationary application/permanent installation	: 92mm
Underground installation	: No
	: No
	: Yes
	: Yes
	: Yes