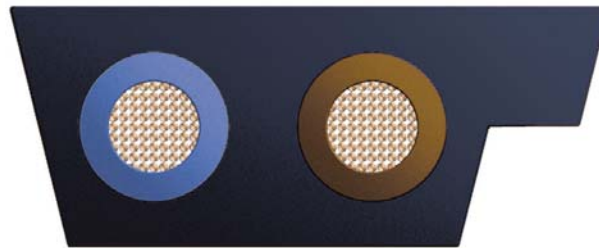


AS-Interface



Design

Wire

Stranded wire highly flexible to DIN VDE 0295, class 6
 Insulation of thermoplastic polypropylene copolymer (FRNC)
 Wall thickness

Ø 1.5 mm
 Ø 2.5 mm
 0.5 mm

Jacket:

Polyurethane (PUR) BK
 Wall thickness about 0.6 mm
 The brown wire should lay on the broadside of the profil
 Outer dimensions

Thickness	4.0 ± 0.2 mm
Thickness of leading edge	2.0 ± 0.1 mm
Width 1	6.5 ± 0.2 mm
Width 2	10.0 ± 0.2 mm
Grid dimension conductor/conductor	3.6 ± 0.2 mm

Printing: "ASI-LOGO" LEONI L VDE-REG.-NR.9971 FLI-9Y11Y 2X1.5 VZN FRNC OIL RESISTANT 24V
 + marking every meter

Electrical and mechanical characteristics

Acc. to specification AS-I KO1-E, version 12.09.96 / speci_4E

Use: Acc. to guide to use AS-I AR 01-E
 version 12.09.96, anwen_4e
 VDE-Reg.-Nr. 9971

Other characteristics:

Reversed bending strength (horizontal on broadside)

- Bendings 10 million
- Maximum acceleration 4 m/s²
- Maximum horizontal speed 4 m/s
- Minimum bending radius 50 mm
- Maximum length horizontal of cable 10 m

Torsional strength for > 10 million cycles (angle ±180° on 0.5 m)

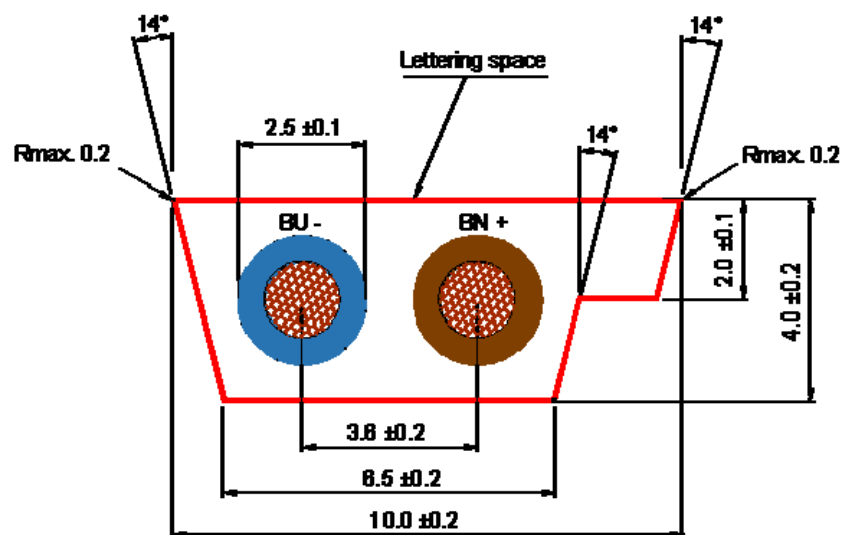
Designation of order:

L45587-M21-B68 1000 m on non-returnable reel

L45587-M21-B68-F2 100 m on reel

FLI-9Y11Y 2X1X1.5 VZN FRNC BK

Weight about : 67 Kg/km



Other radii max. 0.3

Waviness of surface acc. DIN ISO 1101: 

FRNC *) = Flame retardant non corrosive