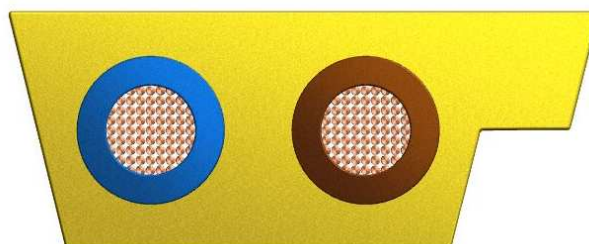


# AS-Interface



## Design

### Wire

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

∅ 1.5 mm  
 ∅ 2.5 mm  
 0.5 mm

### Jacket:

Polyurethane (PUR) YE  
 Wall thickness 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  
 + 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/s<sup>2</sup>
- 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)

Permissible temperature range:

- Before and after Laying -40°C up to +85°C
- During Laying -30°C up to +85°C

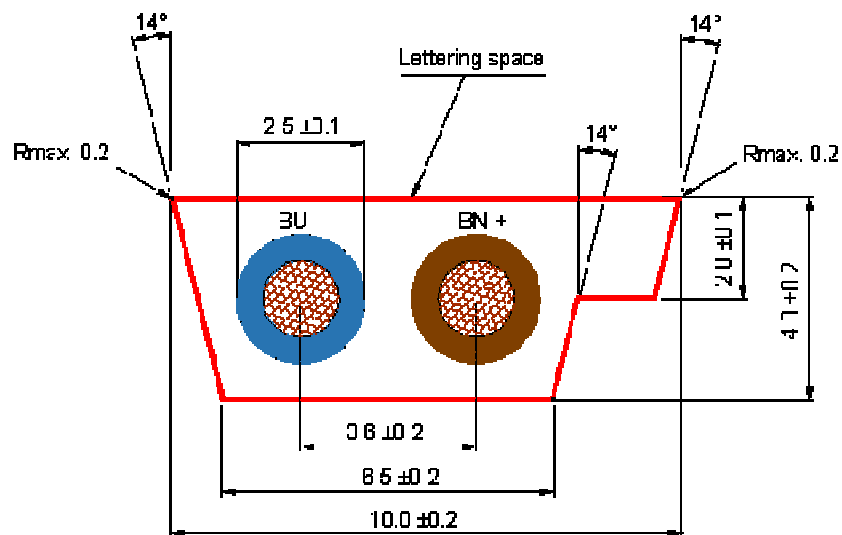
### Designation of order:

L45587-M21-B58 1000 m non-returnable reel

L45587-M21-B58-F2 100 m on ring

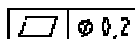
FLI-9Y11Y 2X1X1.5 VZN FRNC YE

Weight about : 67 Kg/km



Other radii max. 0.3

Waviness of surface acc. DIN ISO 1101



FRNC \*) = Flame retardant non corrosive