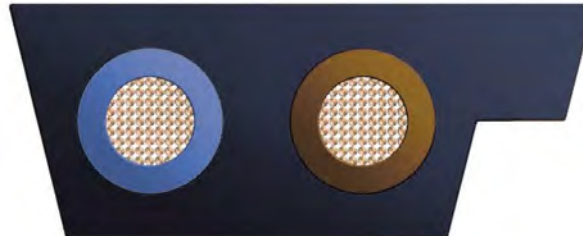


AS-Interface



Design

Wire

Stranded wire highly flexible to DIN VDE 0295, class 6

Insulation of thermoplastic elastomer-compound

Wall thickness about : 0.5 mm
minimum : 0.35 mm

Wire colors: BN, BU

∅ 1.5 mm
∅ 2.5 mm

Jacket:

Thermoplastic elastomer-compound BK

Wall thickness about 0.6 mm

The brown wire should lay on the broadside of the profil

Outer dimensions

Thickness


broadside of the profil - thickness

Wide 1

Wide 2

Grid dimension conductor/conductor

4.0 ± 0.2 mm
2.0 ± 0.1 mm
6.5 ± 0.2 mm
10.0 ± 0.2 mm
3.6 ± 0.2 mm

| Printing: "ASI-LOGO" LEONI L *  AWM 105°C * CSA AWM II A/B 105°C 300V FT1 OIL RESISTANT * 24V
* Eca * "internal lot number" + marking every meter Textintervals about 500 mm

Electrical data at 20° C

Conductor resistance

≤ 13.7 Ohm/km

Insulation resistance

≤ 1 MOhm*km

Test voltage (wire/wire rms 50Hz 1min)

= 2000 V

Operating voltage (peak)

300 V

Mechanical and thermal characteristics

Insulating material acc. to DIN VDE 0207, compoundtype Y17

Jacket material acc. to DIN VDE 0207, compoundtype YM5

Conductor material acc. to DIN EN 13602 Cu-ETP-A...-B

Oil resistance

UL 758 Sec. 15 (60°C)

Cutting oil resistance (Sevora BP)

UL 758 Sec. 15 (60°C)

Cold bend test
Flame test
Flame test

IEC 60811-1-4 (-40°C)
IEC 60332-1
UL Subj. 758 Page 95

UL-Style 2103
CSA-File LL55255-42

Other characteristics:

UV-resistant

CPR
Fire Class acc. to EN 13501-6 Eca
Harmonized Standard EN 50575
No. of Declaration of Performance (DoP) CDEFR0000025

Reversed bending strength (horizontal on broadside)

- Bendings 10 million
- Maximum acceleration 4 m/s²
- Maximum horizontal speed 4 m/s
- Minimum bending radius 75 mm
- Maximum length horizontal of cable 10 m

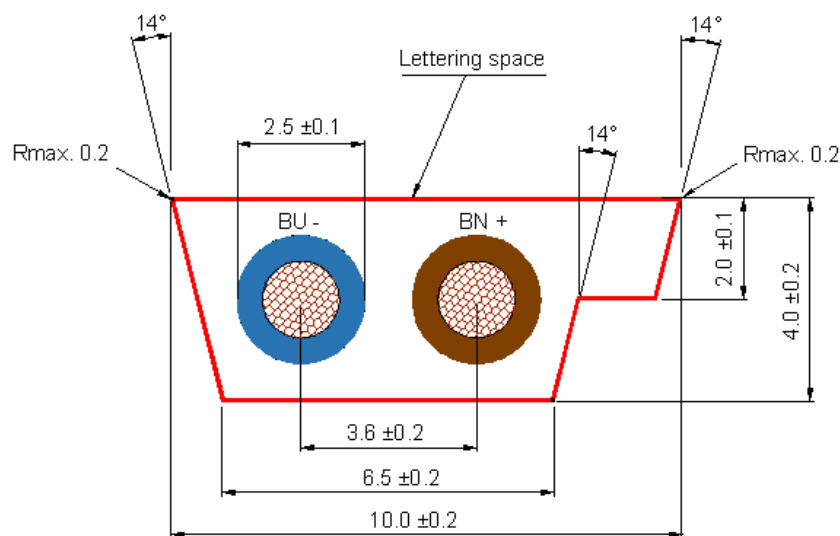
Torsional strength for > 10 million cycles (angle ±180° on 0.5 m)

Weight about : 64 Kg/km

Designation of order:

L45587-M21-Y149 delivery length: 1000 m, Distribution on : Reel
L45587-M21-Y149-F2 delivery length: 100 m, Distribution on : Ring

FLI-99Y99Y 2X1X1.5 VZN SW



Other radii max. 0.3

Waviness of surface acc. DIN ISO 1101: $\square \phi 0,2$