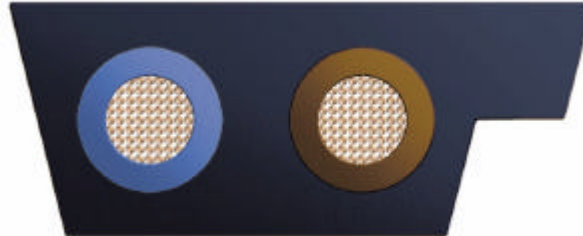


# AS-Interface



## Design

Wire LI99Y 1X1.5/2.5

Stranded wire highly flexible to DIN VDE 0295, class 6

∅ 1.5 mm

Insulation of thermoplastic elastomer-compound

∅ 2.5 mm

Wall thickness about : 0.5 mm  
minimum : 0.35 mm

Wire colors: BN, BU

## 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

4.0 ± 0.2 mm

broadside of the profil - thickness

2.0 ± 0.1 mm

Wide 1

6.5 ± 0.2 mm

Wide 2

10.0 ± 0.2 mm

Grid dimension conductor/conductor

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  
+ 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 YI7

Jacket material acc. to DIN VDE 0207, compoundtype YM5

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

**LEONI Special Cables GmbH**

Technisches Datenblatt – Technical Data Sheet – Technisches Datenblatt – Technical Data Sheet – Technisches Datenblatt – Technical Data Sheet

Oil resistance	UL 758 Sec. 15 (60°C)
Cutting oil resistance (Sevora BP)	UL 758 Sec. 15 (60°C)
Cold bend test	IEC 60811-1-4 (-40°C)
Flame test	IEC 60332-1
Flame test	UL Subj. 758 Page 95

UL-Style 2103  
CSA-File LL55255-42

**Other characteristics:**  
UV-resistant

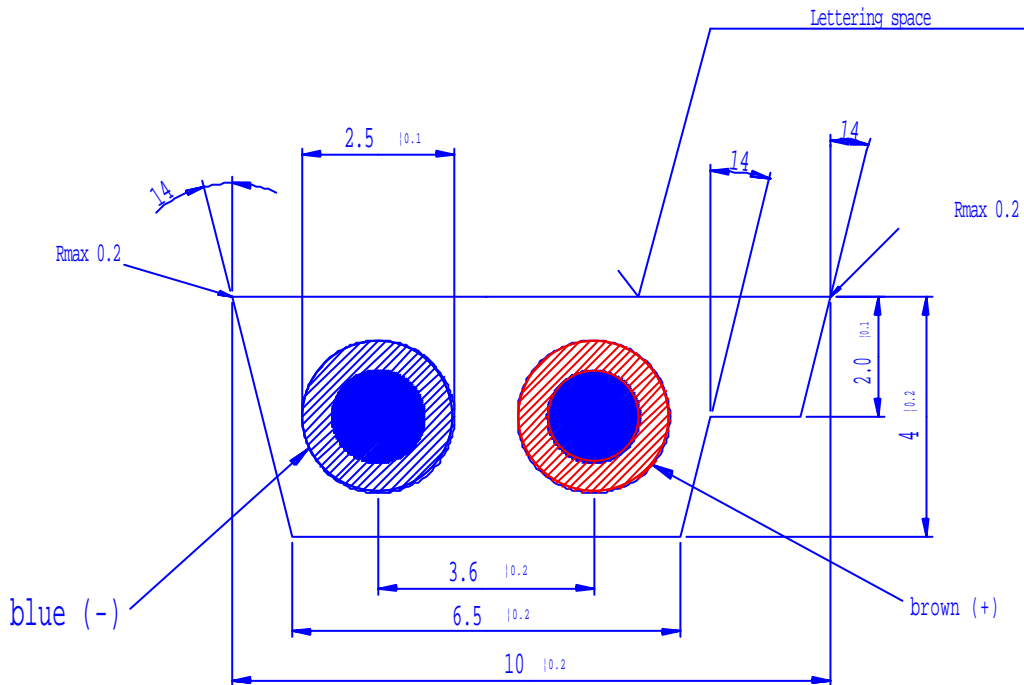
Weight about : 68 Kg/km

**Designation of order:**

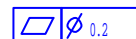
L45587-M21-Y149      delivery length: 1000 m,      Distribution on : Reel  
L45587-M21-Y149-F2      delivery length: 100 m,      Distribution on : Ring

FLI-99Y99Y 2X1X1.5 VZN SW

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Formular: W1-WWW-PT-IDBL2-A-20 © DVWerk1.2000



other radius max. 0.3  
waviness of surface acc. DIN ISO 1101:



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Date of issue: 19.10.2000

Technical modification reserved

Creator : LSC E/NORDING

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Up-dating : 13.10.2006 Name: Langemeyer  
Supersedes : 13.12.2005 which is to be intended with drawn