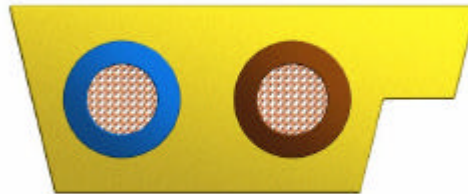


# AS-Interface



## Design

Wire LI99Y 1X1.5/2.5 CL2

Stranded wire highly flexible to DIN VDE 0295, class 6

∅ 1.5 mm

Insulation of TPE compound Leoni CL 2

∅ 2.5 mm

Wall thickness about : 0.46 mm

minimum : 0.4 mm

### Jacket:

PVC compound Leoni CL 2, YE

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 16AWG c(UL)us E119100 CMG 90°C OR CL2 OR E130266 AWM  
 80°C 300V FT4 OIL RESISTANT 60°C + 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

Oil resistant	UL 1581, Sec. 480 (60°C)
Cutting oil resistant (Sevora BP)	UL 1581, Sec. 480 (60°C)
Cold bend test	UL 444 (-20°C)
Flame retardant	UL 1581, Sec. 1061 (Cable Flame)
Flame retardant	UL 1581, Sec. 1060 (FT-1)
Flame retardant	UL 1685 (CSA FT 4)
Flame retardant	IEC 60332-1-2

Permissible temperature range:

before and after Laying -30°C up to +90°C

during Laying -20°C up to +90°C

Permissible bending diameter:

Multiple bendings on broadside  $\geq 24$  mmOne bending on broadside  $\geq 12$  mm

Weight about : 73 Kg/km

UL type CL2 accord. to UL 13 and NEC Article 725

UL type CMG accord. to UL 444 and NEC Article 800

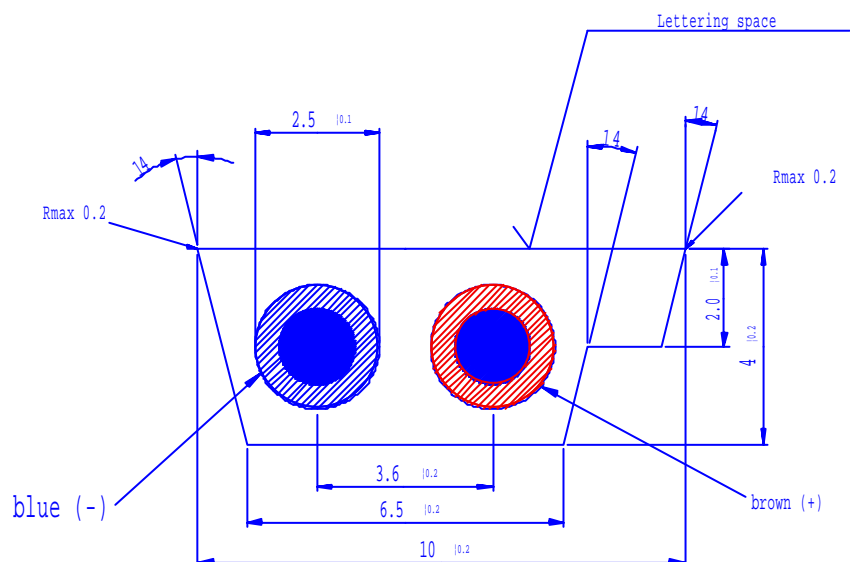
**Designation of order:**

L45587-M21-Y109

201201

FLI-99Y99Y 2X1X1.5 VZN FR GE

100 m on ring



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

