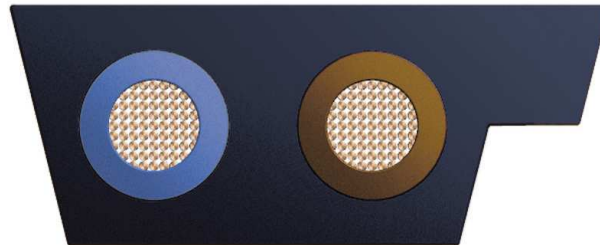


AS-Interface



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) 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 and tests

Acc. to specification AS-I KO1-E, version 12.09.96 / speci_4E
Flame retardant acc. to IEC 60332-1-2

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

LEONI Special Cables GmbH

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

Approved for Marine and Offshore Applications

Germanischer Lloyd	: Certificate No. 99 160-97 HH
Lloyds Register of Shipping	: Certificate No. 97/20069 (E3)
ABS Europe LTD	: Certificate No. 02-HG338429/1-PDA
Bureau Veritas	: Certificate No. 07162/COBV
Det Norske Veritas	: Certificate No. E-10399

Other characteristics:

Reversed bending strength (horizontal on broadside)

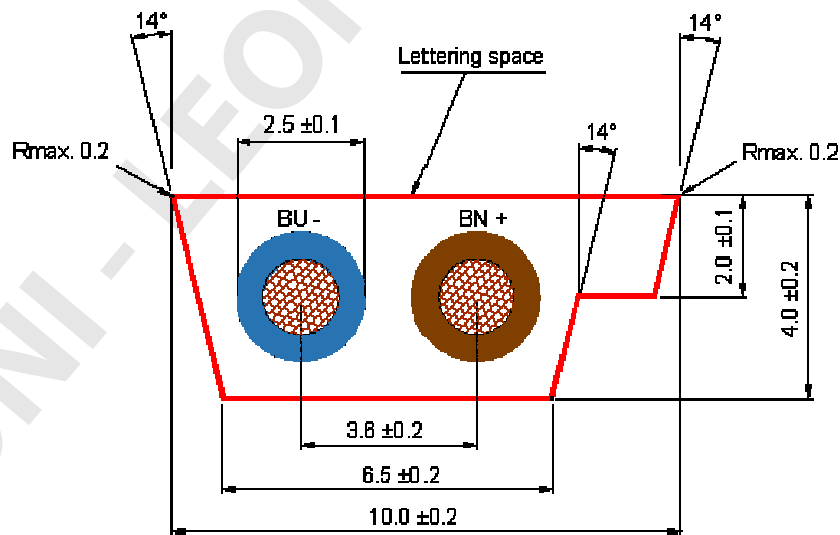
- Bendings 10 million
- Maximum acceleration 4 m/s²
- Maximum horizontal speed 4 m/s
- Minimum bending radius 50 mm
- Maximum length horizontal of cable 10 m

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

Designation of order:

L45587-M21-B48
201206
FLI-9Y11Y 2X1X1.5 VZN FRNC BK
100 m on ring

Weight about : 67 Kg/km



Other radii max. 0.3

Waviness of surface acc. DIN ISO 1101: 0.2

FRNC *) = Flame retardant non corrosive

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Date of issue: 17.11.2000

Technical modification reserved

Creator : LSC E/FELDMANN

Number : L45587-M21-B48-EN

Up-dating : 27.08.2010 Name: Langemeyer

Supersedes : 01.02.2010 E: 18.09.2002 M: 01.02.2010