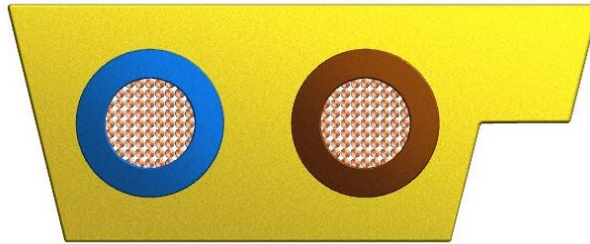


AS-Interface



Design

Wire

Stranded wire highly flexible to DIN VDE 0295, class 6	∅ 1.5 mm
Insulation of thermoplastic polypropylene copolymer (FRNC)	∅ 2.5 mm
Wall thickness	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: "sequential length in metres" BizLink Special Cables Germany * **FieldLink** * L45587-M21-B38 *
 "ASI-LOGO" Asi-5 < VDE-REG 9971 > FLI-9Y11Y 2X1.5 VZN FRNC OIL RESISTANT
 "internal lot number"

Electrical and mechanical characteristics

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

Approved for Marine and Offshore Applications

DNV	: Certificate No. TAE000025U
Lloyds Register of Shipping	: Certificate No. LR22451752TA
ABS Europe LTD	: Certificate No. 22-2259770_PDA
Bureau Veritas	: Certificate No. 07162_E1 BV
RINA	: Certificate No. ELE076522XG

Date of issue: 17.11.2000

Technical modification reserved

Creator : BSCG | R&D | FELDMANN

Number : **L45587-M21-B38-EN**

Up-dating : 01.02.2023 Name: Langemeyer
 Supersedes : 30.01.2023 E: 18.09.2002 M: 01.02.2023

Page 1 / 2

Other characteristics

RoHS compliant (Directive 2011/65/EU & 2015/863/EU RoHS 3)
 Halogen free acc. to IEC 60754-1

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 $\pm 180^\circ$ on 0.5 m)

Permissible temperature range:

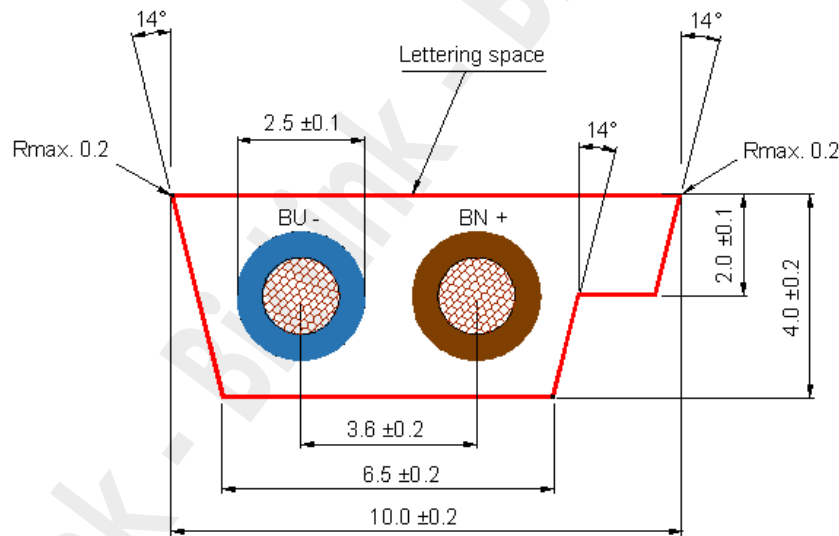
- before and after Laying -40°C up to +85°C
- during Laying -30°C up to +85°C

Designation of order

- L45587-M21-B38 201205 100 m on ring
- L45587-M21-B38-L7 215081 1000 m on non-returnable reel

FLI-9Y11Y 2X1X1.5 VZN FRNC GE

Weight about : 67 Kg/km



Other radii max. 0.3

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

Product has not been tested and classified according to the CPR (EU/305/2011).
 The product shall not be permanently installed in buildings in the EU.

Date of issue: 17.11.2000

Technical modification reserved

Creator : BSCG | R&D | FELDMANN

Number : **L45587-M21-B38-EN**

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Page 2 / 2