Design

Wire
Stranded wire highly flexible to DIN VDE 0295, class 6  
ø 1.5 mm
Insulation of thermoplastic polypropylene copolymer (FRNC)  
ø 2.5 mm
Wall thickness  
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

<table>
<thead>
<tr>
<th>Thickness</th>
<th>Width 1</th>
<th>Width 2</th>
<th>Grid dimension conductor/conductor</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.0 ± 0.2 mm</td>
<td>6.5 ± 0.2 mm</td>
<td>10.0 ± 0.2 mm</td>
<td>3.6 ± 0.2 mm</td>
</tr>
</tbody>
</table>

Thickness of leading edge  
2.0 ± 0.1 mm

Printing: "sequential length in metres"  
LEONI L FieldLink * L45587-M21-B48 * "ASI-LOGO"

ASI-5 < VDE-REG 9971 > FLI-9Y11Y 2X1.5 VZN FRNC OIL RESISTANT 24V "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-GL : Certificate No. TAE000025U
Lloyds Register of Shipping : Certificate No. 97/20069 (E5)
ABS Europe LTD : Certificate No. 17-HG1606699-PDA
Bureau Veritas : Certificate No. 07162/DO BV
RINA : Certificate No. ELE068217XG

Other characteristics:
RoHS compliant (Directive 2011/65/EC)
Halogen free acc. to IEC 60754-1

Reversed bending strength (horizontal on broadside)
- Bending 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)

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

Weight about: 64 kg/km