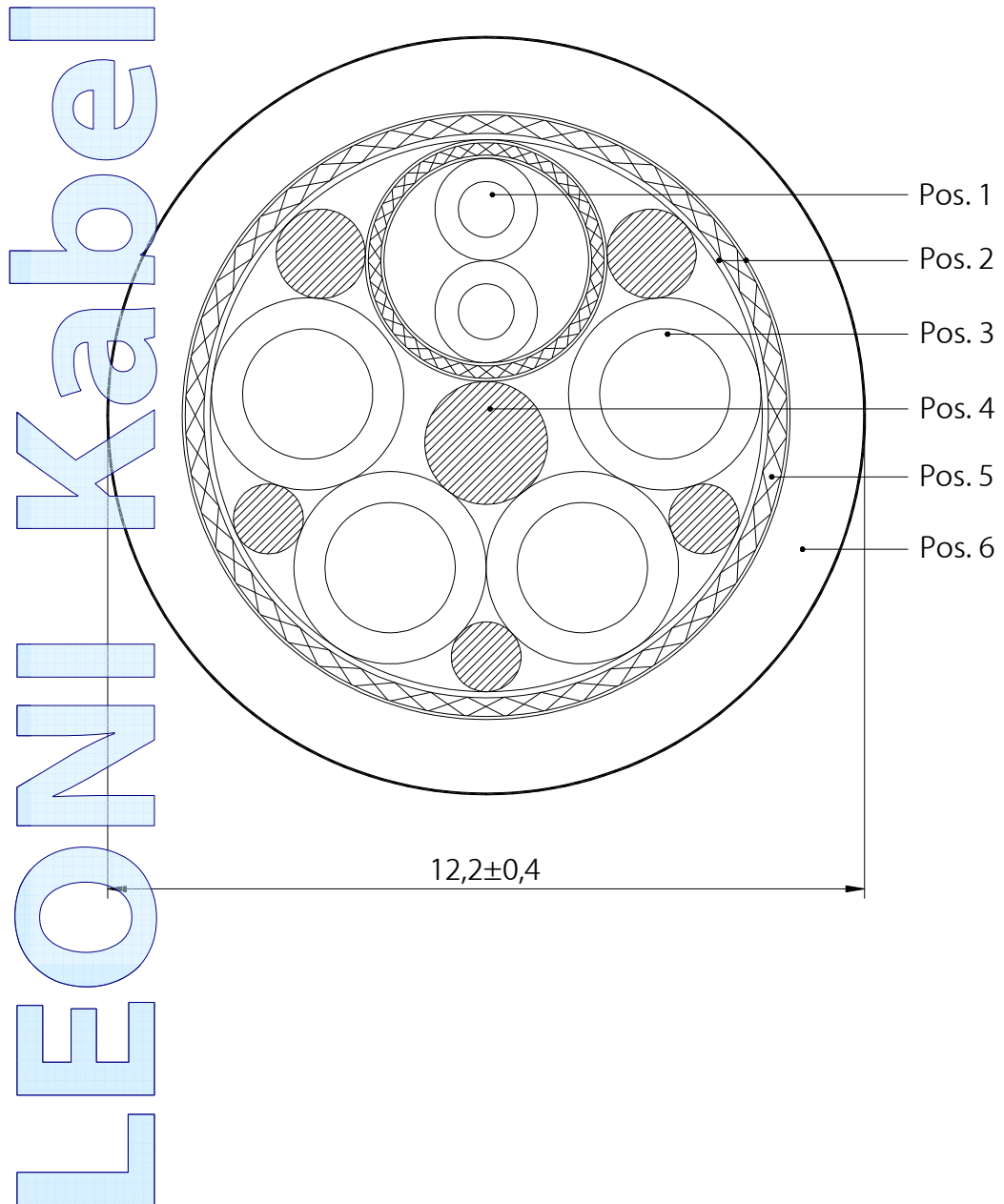







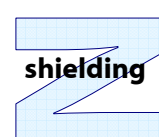
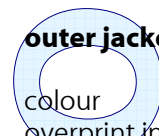
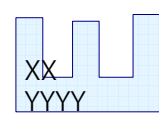

LEONI Part No.: **95040174A**  
**LEHC 004818 Rev.0**

**Construction**





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**Cable description**

<b>Pos. 1</b>	<p><b>shielded pair 2x0,5 mm<sup>2</sup></b>  <span style="border: 1px solid black; padding: 2px;">conductor</span></p>  <p>insulation colours taping shielding</p>  <p>taping</p>	<p>bare copper, single wire 0,15 mm  in accordance to DIN EN 60228 cl. 6 / IEC 60228 cl. 6  PP  white and black,</p> <p>braiding of tinned copper wires 0,10 mm  optical covering min. 85 %</p>
<b>Pos. 2</b>	<p><b>filler</b></p> 	
<b>Pos. 3</b>	<p><b>tapings</b></p> 	
<b>Pos. 4</b>	<p><b>4 insulated wires 2,5 mm<sup>2</sup></b>  <span style="border: 1px solid black; padding: 2px;">conductor</span></p>  <p>insulation colours</p>	<p>bare copper, single wire 0,15 mm  in accordance to DIN EN 60228 cl. 6 / IEC 60228 cl. 6  PP  black wires with white marking U/L1/C/L+,  V/L2, W/L3/D/L-, greenyellow</p>
<b>Pos. 5</b>	<p><b>shielding</b></p> 	<p>braiding of tinned copper wires 0,15 mm  optical covering min. 85 %</p>
<b>Pos. 6</b>	<p><b>outer jacket</b></p>  <p>colour overprint in black with Inkjet</p>  <p>XX YYYY</p> <p><b>outer diameter</b></p>	<p>Polyurethan in accordance to DIN VDE 0282 Teil 10  / HD22.10 S2  orange mat following RAL 2003  LEONI A FieldLink MC LEHC 004818 Rev.0  [4x2,5+(2x0,5)] XX/YYYY  E47543 c  us AWM STYLE 21223 I/II A/B 80°C 1000V FT-1  production week  production year  <b>12,2 ± 0,4 mm</b></p>

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**Electrical properties**

operating voltage	Pos. 4 Pos. 4 according to  Pos. 1 Pos. 1 according to 	$U_0/U$ 0,6/1,0 kV max. 1000 V max. 24 V max. 1000 V
test voltage	Pos. 4 conductor/conductor Pos. 4 conductor/shield Pos. 1 conductor/conductor Pos. 1 conductor/shield	4,0 kV 50Hz AC 4,0 kV 50Hz AC 4,0 kV 50Hz AC 4,0 kV 50Hz AC
conductor resistance	Pos. 1 Pos. 4	max. 39,0 $\Omega$ /km at +20°C max. 7,98 $\Omega$ /km at +20°C

**Mechanical properties**

bending radius for fixed installation	min. 5 x outside diameter
for drag chain installation	min. 7,5 outside diameter
acceleration	max. 50 m/s <sup>2</sup>
traversing speed	max. 300 m/min
bendings in drag chains	min. 10.000.000
torque at a length of 1000 mm	max. $\pm$ 30 degree
horizontal length of the cable	max. 50 m
total weight	nom. 250 kg/km

**Thermal properties**

treatment and installation	-20°C bis +60°C
transport and stocking	-50°C bis +80°C
operating for fixed installation	-50°C bis +80°C
for drag chain installation	-20°C bis +60°C
short cut	max. +150°C ( $\leq$ 5 sec.)

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**Chemical properties**

oil resistant in accordance to VDE 0282 part 10 / HD 22.10 S2 (test method to EN60811-2-1)  
flame retardant in accordance to UL 1581 Vertical Wire Flame Test (VW-1)  
flame retardant in accordance to CSA C22.2 Vertical Flame Test (FT-1)  
flame retardant in accordance to IEC 60332-1-2  
halogen free in accordance to EN 50267-2-2 / IEC 60754-2  
free of silicon and FCKW



the cable corresponds to EU – directive 2002/95/EG (RoHS)

**Standard**

UL Subject 758; Style 21223 and and CSA - C22.2 No. 210



E 47543

Cable is approved to UL Style 21223 80°C 1000V VW-1 and cUL AWM I/II A/B 80°C 1000V FT-1

FELTEN