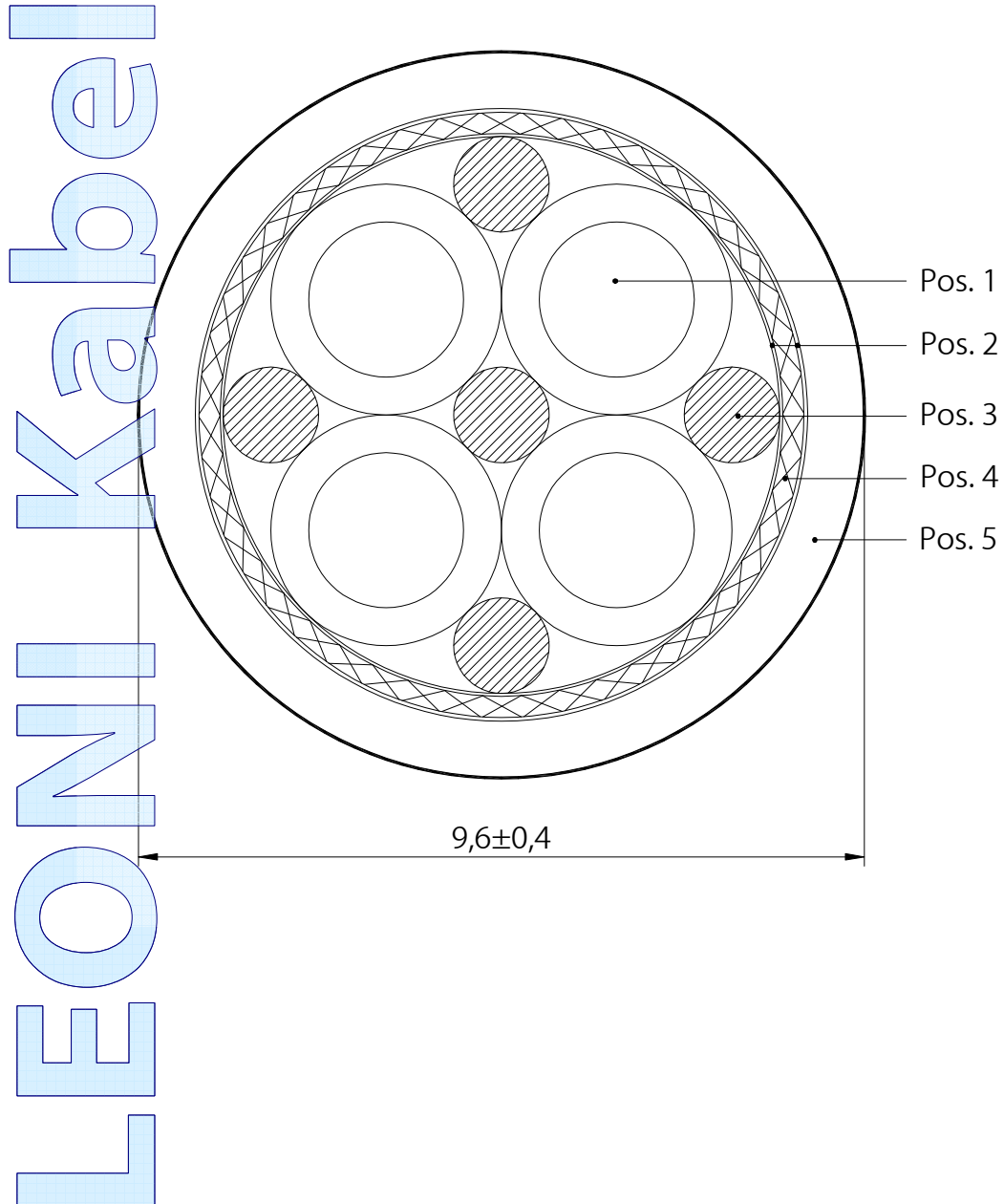


LEONI Part No.: **95040153A**

LEC 003346 Rev.0

construction



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cable description

Pos. 1 4 insulated wires 2,5 mm²

conductor

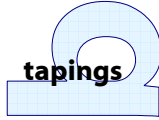
bare copper, single wire 0,25 mm
in accordance to DIN EN 60228 cl. 5 / IEC 60228 cl. 5
PP
black wires with white marking U/L1/C/L+,
V/L2, W/L3/D/L-, greenyellow



insulation
colours

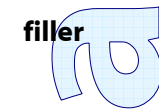
Pos. 2

tapings



Pos. 3

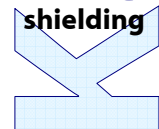
filler



Pos. 4


shielding

braiding of tinned copper wires 0,15 mm
optical covering min. 85 %

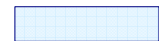


Pos. 5

outer jacket

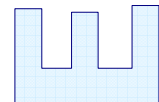
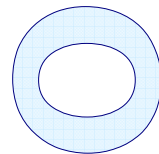
PVC
orange mat following RAL 2003
LEONI LRO FieldLink MC LEC 003346 Rev.0
[4x2,5] XX/YYYY
E47543  US AWM STYLE 2570 I/II A/B 80°C 1000V FT-1
VDE-REG.NR. 8393
production week
production year
9,6 ± 0,4 mm

colour
overprint in black with Inkjet



XX
YYYY

outer diameter



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LEC 003346 Rev.0

Electrical properties

operating voltage	U ₀ /U	0,6/1,0 kV
test voltage	according to  conductor/conductor	max. 1000 V
	conductor/shield	4,0 kV 50Hz AC
conductor resistance		4,0 kV 50Hz AC
		max. 7,98 Ω/km at +20°C

Mechanical properties

bending radius for fixed installation	min.	5 x outside diameter
for drag chain installation	min.	20 x outside diameter
acceleration	max.	2 m/s ²
traversing speed	max.	30 m/min
bendings in drag chains	min.	100.000
torque at a length of 1000 mm	max.	± 30 degree
horizontal length of the cable	max.	5 m
total weight	nom.	175 kg/km

Thermal properties

treatment and installation	0°C bis +60°C
transport and stocking	-20°C bis +80°C
operating for fixed installation	-20°C bis +80°C
for drag chain installation	0°C bis +60°C
short cut	max. +150°C (≤ 5 sec.)

Chemical properties

- oil resistant TM5 in accordance to DIN VDE 0281 part 1 / HD21.1S4 (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
- free of silicon and FCKW



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

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LEC 003346 Rev.0

Standard

UL Subject 758; Style 2570 and and CSA - C22.2 No. 210



E 47543

Cable is approved to UL Style 2570 80°C 1000V VW-1 and cUL AWM I/II A/B 80°C 1000V FT-1

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