

Automotive cable screened FHLR91XC13X-2x4 T150 2 x 4 mm² / RADOX 155S FLR / RADOX Elastomer S

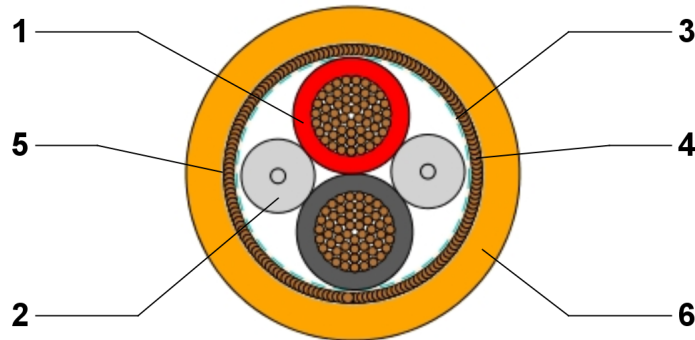
Part No: 85149176

General Properties:

Excellent resistance to high and low temperature, ozone, UV and weathering resistance, resistant to pressure at high temperature, motor oil, fuels and hydrolysis, flame retardant, high abrasion resistant, solder iron resistant, easy to strip and process. All materials are free from lead, mercury, cadmium and chrome VI.

Application:

Cable, for use in road vehicle applications.



1. 2 Cores 4.0 mm²
Type RADOX 155S FLR-B

Conductor: stranded tin plated copper
Insulation: RADOX 155S
Colours: red, black
RADOX
Tape
Tin plated copper braid
Tape
RADOX Elastomer S
Colour: orange

56 x 0.31 mmD
D: 3.55 ± 0.15 mm

2. 2 Fillers
3. Wrapping
4. EMC-screen optimized
5. Wrapping
6. Sheath

D: 7.9 mm

D: 10.2 ± 0.3 mm

Printing on sheath:

H+S 85149176-##### ♪ ATTENTION HIGH VOLTAGE MAX
1000VAC/1500VDC ♪ ; (##### = Production lot number)

Technical Data:

Conductor resistance at 20 °C	4.0 mm ²	≤ 5.09	Ω/km
Voltage rating	U _o	1000	V AC
Voltage rating	V _o	1500	V DC
Test voltage, 50 Hz, 5 min.		10	kV AC
Transfer impedance	f = 10 kHz	≤ 8	mΩ/m
	f = 1 MHz	≤ 8	mΩ/m
	f = 10 MHz	≤ 21	mΩ/m
	f = 100 MHz	≤ 100	mΩ/m
Screening attenuation	f = 10 kHz	≥ 77	dB
	f = 1 MHz	≥ 77	dB
	f = 10 MHz	≥ 69	dB
	f = 100 MHz	≥ 56	dB
Temperature range (3000h)		- 40 ... + 150	° C
Min. bending radius	fixed		4 x cable D
	flexing		6 x cable D
Cable weight		18.1	kg/100m

According To:

ISO 6722-1 class D / ISO 19642-9 class D / 2000/53/EG (EU-directive on end of life vehicles) / 2011/65/EU (RoHS)

HUBER+SUHNER is certified according to ISO 9001, ISO 14001, IATF 16949 and ISO/TS 22163 IRIS.

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