# **Data sheet**



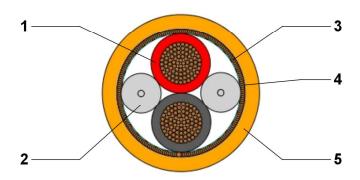
## **Automotive cable screened FHLR91XC13X-2x6 T150** 2 x 6 mm<sup>2</sup> / RADOX 155S FLR / RADOX Elastomer S

Part No: 12584915

### **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.

Cable, for use in road vehicle applications.



1. 2 Cores 6.0 mm<sup>2</sup> Type RADOX 155S FLR-B

Printing on sheath:

Fillers

3. EMC-screen standard

Wrapping

Sheath

Conductor: stranded bare copper Insulation: RADOX 155S Colours: red, black RADOX

Tin plated copper braid

Tape

**RADOX Elastomer S** Colour: orange

D: 11.0 ± 0.3 mm

84 x 0.31 mmD

D: 9.0 mm

D: 4.15 ± 0.15 mm

H+S 12584915 - %%%%%%% 4 ATTENTION HIGH VOLTAGE MAX 1000VAC/1500VDC 4 ;(%%%%%%% = Production lot number)

### **Technical Data:**

6.0 mm <sup>2</sup>	≤ 3.30	Ω/km
Uo	1000	V AC
Vo	1500	V DC
	10	kV AC
f = 10 kHz	≤ 6	mΩ/m
f = 1 MHz	≤ 6	mΩ/m
f = 10 MHz	≤ 4	mΩ/m
f = 100 MHz	≤ 134	mΩ/m
f = 10 kHz	≥ 80	dB
f = 1 MHz	≥ 80	dB
f = 10 MHz	≥ 83	dB
f = 100 MHz	≥ 53	dB
	<b>-</b> 40 + 150	° C
fixed		4 x cable D
flexing		6 x cable D
-	23.1	kg/100m
	Uo Vo f = 10 kHz f = 1 MHz f = 10 MHz f = 100 MHz f = 10 kHz f = 1 MHz f = 10 MHz f = 100 MHz	Uo 1000  Vo 1500  10  f = 10 kHz ≤ 6  f = 1 MHz ≤ 6  f = 10 MHz ≤ 4  f = 100 MHz ≤ 134  f = 10 kHz ≥ 80  f = 1 MHz ≥ 80  f = 1 MHz ≥ 83  f = 100 MHz ≥ 83  f = 100 MHz ≥ 53  -40 + 150  fixed flexing

## 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, AS/EN 9100, ISO/TS 16949 and IRIS.

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