# **Data sheet**



Part No: 12585215

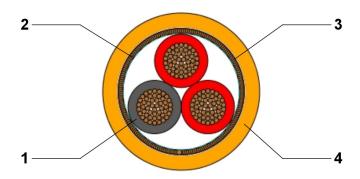
# Automotive cable screened FHLR91XC13X-3x2.5 T150 3 x 2.5 mm<sup>2</sup> / RADOX 155S FLR / RADOX Elastomer S

### **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.



 3 Cores 2.5 mm<sup>2</sup> Type RADOX 155S FLR-B

2. EMC-screen optimized

3. Wrapping

4. Sheath

Conductor: stranded bare copper Insulation: RADOX 155S Colours: black, red numbered 1...2

Tin plated copper braid

Tape

RADOX Elastomer S Colour: orange 50 x 0.26 mmD D: 2.85 ± 0.15 mm

D: 8.4 ± 0.3 mm

D: 6.8 mm

D. 0.0 IIIII

Printing on sheath:

H+S 12585215 - %%%%%%% 4 ATTENTION HIGH VOLTAGE MAX

1000VAC/1500VDC 4;(%%%%%%% = Production lot number)

#### **Technical Data:**

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Conductor resistance at 20 °C	2.5 mm²	≤ 7.60	Ω/km
Voltage rating	Uo	1000	V AC
Voltage rating	Vo	1500	V DC
Test voltage, 50 Hz, 5 min.		10	kV AC
Transfer impedance	f = 10 kHz	≤ 12	mΩ/m
	f = 1 MHz	≤ 12	mΩ/m
	f = 10 MHz	≤ 29	mΩ/m
	f = 100 MHz	≤ 206	mΩ/m
Screening attenuation	f = 10 kHz	≥ 74	dB
	f = 1 MHz	≥ 74	dB
	f = 10 MHz	≥ 66	dB
	f = 100 MHz	≥ 49	dB
Temperature range (3000h)		- 40 + 150	° C
Min. bending radius	fixed		3 x cable D
	flexing		5 x cable D
Cable weight		14.5	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, AS/EN 9100, ISO/TS 16949 and IRIS.

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Waiver: It is exclusively in written agreements that we provide our customers with warrants and representations as to the technical specifications and/or the fitness for any particular purpose. The facts and figures contained here in are carefully complied to the best of our knowledge, but they are intended for general informational purpose only.

 Revision
 Release
 Supersedes Revision
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