

## Automotive cable screened FHLR91XC13X-1x4 T150 1 x 4 mm<sup>2</sup> / RADOX 155S FLR / RADOX Elastomer S

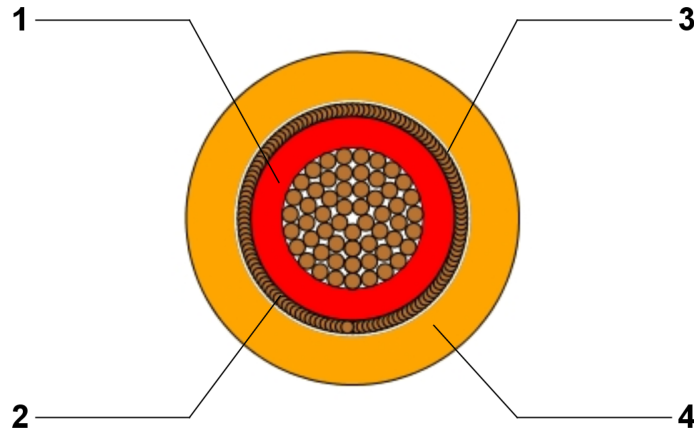
Part No: 12582674

### 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 1 Core 4.0 mm<sup>2</sup>  
 Type RADOX 155S FLR-B

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

56 x 0.31 mmD  
 D: 3.55 ± 0.15 mm

2. EMC-screen optimized  
 3. Wrapping  
 4. Sheath

D: 4.1 mm

**D: 5.80 ± 0.2 mm**

### Printing on sheath:

H+S 12582674 - %%%%%%%%% % ATTENTION HIGH VOLTAGE MAX  
 1000VAC/1500VDC % ;(%%%%%%%%%% = Production lot number)

### Technical Data:

Conductor resistance at 20 °C	4.0 mm <sup>2</sup>	≤ 4.71	Ω/km
Voltage rating	U <sub>o</sub>	1000	V AC
Voltage rating	V <sub>o</sub>	1500	V DC
Test voltage, 50 Hz, 5 min.		10	kV AC
Transfer impedance	f = 10 kHz	≤ 24	mΩ/m
	f = 1 MHz	≤ 23	mΩ/m
	f = 10 MHz	≤ 28	mΩ/m
	f = 100 MHz	≤ 147	mΩ/m
	Screening attenuation	f = 10 kHz	≥ 68
f = 1 MHz		≥ 68	dB
f = 10 MHz		≥ 67	dB
f = 100 MHz		≥ 52	dB
Temperature range (3000h)			-40 ... +150
Min. bending radius	fixed		4 x cable D
	flexing		6 x cable D
Cable weight		7	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)  
 ISO 14572

HUBER+SUHNER is certified according to ISO 9001, ISO 14001, AS/EN 9100, ISO/TS 16949 and IRIS.

www.hubersuhner.com

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.