

Automotive cable screened FHLR91XC13X-3x2.5 T150 3 x 2.5 mm² / RADOX 155S FLR / RADOX Elastomer S

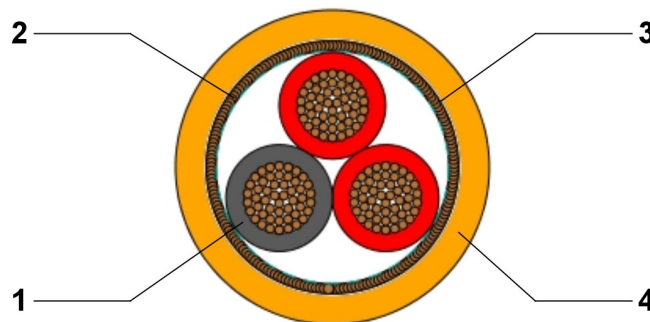
Part No: 12585215

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. 3 Cores 2.5 mm²
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: 6.8 mm

D: 8.4 ± 0.3 mm

Printing on sheath:

H+S 12585215 - %%%%%%%%% 4 ATTENTION HIGH VOLTAGE MAX
1000VAC/1500VDC 4 ;(%%%%%%%% = Production lot number)

Technical Data:

Conductor resistance at 20 °C	2.5 mm ²	≤ 7.60	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	≤ 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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