

Automotive cable screened FHLR4GC13X-1x120 T150 1 x 120 mm / RADOX 155 / RADOX Elastomer S

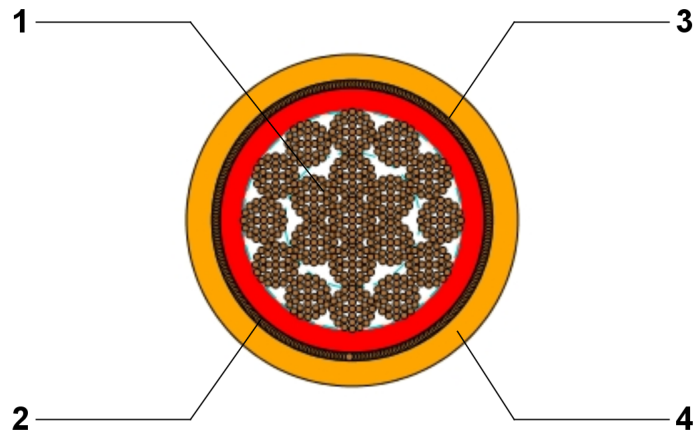
Part No: 84103410

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 120 mm²

Conductor: stranded bare copper

589 x 0.51 mm D

Insulation: RADOX 155

D: 18.00 ± 0.30 mm

Colours: red

2. Wrapping

Tape

4. EMC-screen optimized

Tin plated copper braid

D: 19.2 mm

Sheath

RADOX Elastomer S

D: 22.6 ± 0.4 mm

Colour: orange

Printing on sheath:

H+S 84103410 - %%%%%%%%% % ATTENTION HIGH VOLTAGE MAX
1000VAC/1500VDC % ;(%%%%%%%%% = Production lot number)

Technical Data:

Conductor resistance at 20 °C	120 mm²	≤ 0.153	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	≤ 2	mΩ/m
	f = 1 MHz	≤ 2	mΩ/m
	f = 10 MHz	≤ 7	mΩ/m
	f = 100 MHz	≤ 61	mΩ/m
Screening attenuation	f = 10 kHz	≥ 89	dB
	f = 1 MHz	≥ 89	dB
	f = 10 MHz	≥ 79	dB
	f = 100 MHz	≥ 60	dB
Temperature range (3000h)		-40 ... +150	° C
Min. bending radius	fixed		4 x cable D
	flexing		6 x cable D
Cable weight		145.5	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.

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.