

Automotive cable screened FHLR4GC13X-1x10 T150 1 x 10 mm² / RADOX 155 / RADOX Elastomer S

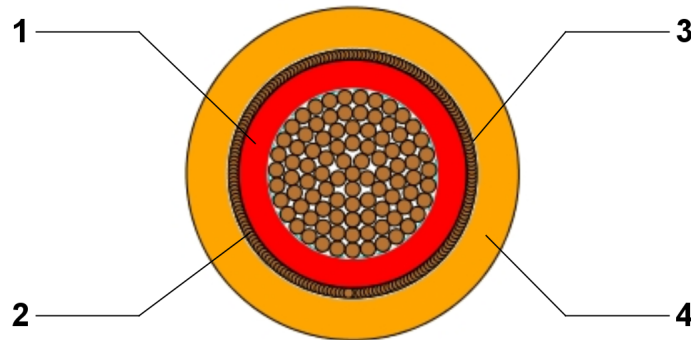
Part No: 84100295

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 10 mm ²	Conductor: stranded bare copper Insulation: RADOX 155 Colour: red	78 x 0.41 mm D D: 5.75 ± 0.20 mm
2. EMC-screen optimized	Tin plated copper braid	D: 6.4 mm
3. Wrapping	Tape	
4. Sheath	RADOX Elastomer S Colour: orange	D: 8.40 ± 0.30 mm

Printing on sheath:

H+S 84100295 - %%%%%%%%% % ATTENTION HIGH VOLTAGE MAX
1000VAC/1500VDC %
(%%%%%%%%% = Production lot number)

Technical Data:

Conductor resistance at 20 °C	10 mm ²	≤ 1.82	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	≤ 13	mΩ/m
	f = 100 MHz	≤ 89	mΩ/m
Screening attenuation	f = 10 kHz	≥ 74	dB
	f = 1 MHz	≥ 74	dB
	f = 10 MHz	≥ 73	dB
	f = 100 MHz	≥ 57	dB
Temperature range (3000h)		-40 ... +150	° C
Min. bending radius	fixed		4 x cable D
	flexing		6 x cable D
Cable weight		15.8	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, IATF 16949 and ISO/TS 22163 IRIS.

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