

## Automotive cable screened FHLR4GC13X-1x35 T150 1 x 35 mm<sup>2</sup> / RADOX 155 / RADOX Elastomer S

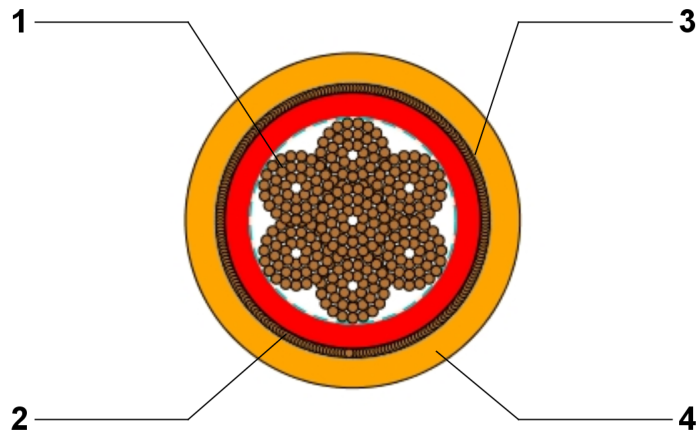
Part No: 84100296

### 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 35 mm<sup>2</sup>

Conductor: stranded bare copper

273 x 0.41 mm D

Insulation: RADOX 155

D: 9.70 ± 0.25 mm

Colours: red

2. EMC-screen optimized

Tin plated copper braid

D: 10.5 mm

3. Wrapping

Tape

4. Sheath

RADOX Elastomer S

D: 12.7 ± 0.3 mm

Colour: orange

### Printing on sheath:

H+S 84100296 - %%%%%%%%% % ATTENTION HIGH VOLTAGE MAX  
1000VAC/1500VDC % ;(%%%%%%%%%% = Production lot number)

### Technical Data:

Conductor resistance at 20 °C	35 mm <sup>2</sup>	≤ 0.527	Ω/km
Voltage rating	U <sub>0</sub>	1000	V AC
Voltage rating	V <sub>0</sub>	1500	V DC
Test voltage, 50 Hz, 5 min.		10	kV AC
Transfer impedance	f = 10 kHz	≤ 6	mΩ/m
	f = 1 MHz	≤ 5	mΩ/m
	f = 10 MHz	≤ 9	mΩ/m
	f = 100 MHz	≤ 66	mΩ/m
Screening attenuation	f = 10 kHz	≥ 80	dB
	f = 1 MHz	≥ 82	dB
	f = 10 MHz	≥ 76	dB
	f = 100 MHz	≥ 59	dB
Temperature range (3000h)		-40 ... +150	° C
Min. bending radius	fixed		4 x cable D
	flexing		6 x cable D
Cable weight		44.7	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)

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

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