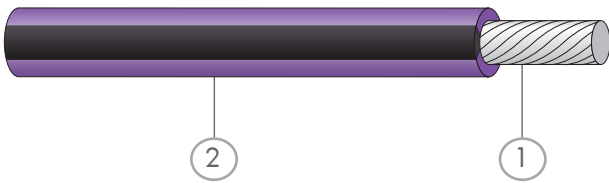


RADOX® 155S FLR

Number of conductors	1
Cross section	0.35 - 6 mm ²
Voltage rating	60 / 600 V DC
Temperature range	(-55 °C) -40 °C to +150 °C (3000 h)
Min. bending radius	3 x cable dia.



Composition of cable

1. Conductor	stranded tinned or bare copper
2. Insulation	RADOX® 155S, extruded radiation cross-linked polyolefin, various colours

Characteristics and specialities

- High and low temperature resistance
- Ozone and weathering resistance
- Resistant to pressure at high temperature
- Resistant to motor oils, fuels and hydrolysis
- Flame retardant
- High abrasion resistance
- Easy to strip and process

Application

Low voltage cable for use in road vehicle applications, such as motor wiring, fan motor or sensor applications.

Standards

Conductor	General
DIN 72551 part 6	ISO 6722 class D, thin wall
ISO 6722	DIN 72551 part 5 (1993)
DIN EN 13602, Cu-ETP1-A (CW003A)	LV 112

For further technical details please refer to our data sheet.

RADOX® 155S FLR

Extract from our delivery programme

Dimensions according to DIN 72551 part 6 type A

Cross section mm ²	Conductor		Conductor resistance @ 20 °C max. Ω/km		Core		Weight kg/100 m nom.
	construction* n x mm	diameter max. mm	tinned	bare	wall thickness min. mm	diameter mm	
0.35	7 x 0.26	0.8	54.5	52.0	0.20	1.25 ± 0.05	0.4
0.5	19 x 0.19	1.0	38.2	37.1	0.22	1.50 ± 0.10	0.6
0.75	19 x 0.23	1.2	25.4	24.7	0.24	1.80 ± 0.10	0.9
1.0	19 x 0.26	1.35	19.1	18.5	0.24	2.00 ± 0.10	1.1
1.5	19 x 0.32	1.7	13.0	12.7	0.24	2.30 ± 0.10	1.6
2.5	19 x 0.41	2.2	7.8	7.6	0.28	2.85 ± 0.15	2.6

Dimensions according to DIN 72551 part 6 type B

Cross- section mm ²	Conductor		Conductor resistance @ 20 °C max. Ω/km		Core		Weight kg/100 m nom.
	construction* n x mm	diameter max. mm	tinned	bare	wall thickness min. mm	diameter mm	
0.75	24 x 0.21	1.2	25.4	24.7	0.24	1.80 ± 0.10	0.9
1.0	32 x 0.21	1.35	19.1	18.5	0.24	2.00 ± 0.10	1.1
1.5	30 x 0.26	1.7	13.0	12.7	0.24	2.30 ± 0.10	1.6
2.5	50 x 0.26	2.2	7.8	7.6	0.28	2.85 ± 0.15	2.6
4.0	56 x 0.31	2.75	4.8	4.7	0.32	3.55 ± 0.15	4.2
6.0	84 x 0.31	3.3	3.2	3.1	0.32	4.15 ± 0.15	6.1

Dimensions according to ISO 6722

Cross section	Conductor		Conductor resistance @ 20 °C max. Ω/km		Core		Weight kg/100 m nom.
	construction* n x mm	diameter max. mm	tinned	bare	wall thickness min. mm	diameter mm	
4.0	37 x 0.38	2.75	4.80	4.70	0.32	3.55 ± 0.15	4.2
6.0	37 x 0.46	3.30	3.20	3.10	0.32	4.15 ± 0.15	6.1

* typical value x max. single wire diameter