

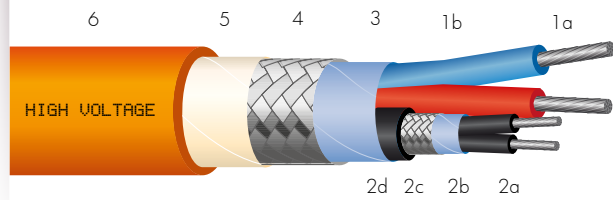
**SILICABLE®**  
**FHLR6YBCF2G**

Shielded multicore

**-40°C to +180°C****Class E according to ISO 6722-1  
and ISO 19642-1**

+180°C (3000 h)

+205°C (240 h)

**2 x 4 mm<sup>2</sup> conductors**

- 1a • Tinned copper cores 4 mm<sup>2</sup> according to ISO 6722-1, ISO 19642-5 and EN 13602
- 1b • FEP insulation

**2 x 0.5 mm<sup>2</sup> shielded twisted pair**

- 2a • Tinned copper cores 0.5 mm<sup>2</sup> according to ISO 6722-1, ISO 19642-5 and EN 13602
- 2b • FEP insulation
- 2c • Double shielding: aluminium / PET tape and tinned copper braid
- 2d • FEP sheath

- 3 • Aluminium / PET tape
- 4 • Tinned copper braid
- 5 • PET tape
- 6 • External silicone sheath

**Approvals - standards\***

- ISO 19642-9, ISO 19642-5, ISO 6722-1, EN 13602

**Applications**

- Multicore silicone power cables for use in hybrid and electrical vehicles

**Specific characteristics**

- High Voltage requirements according to ISO 19642
- Voltage rating: 600 VAC / 900 VDC
- Test voltage: 5 kV 5 minutes
- Sparktest: 6 kV
- Excellent flexibility
- Flame retardant

**Colour code**

- Orange (others on request)

**CONSTRUCTION ACCORDING TO ISO 19642-9**

Item code	Composition (mm <sup>2</sup> )	Wire outer diameter		Cable outer diameter (mm)	Maximum linear resistance at 20°C (Ω / km)	
		4 mm <sup>2</sup>	0.5 mm <sup>2</sup>		4 mm <sup>2</sup>	0.5 mm <sup>2</sup>
G2504001	2 x 4 + 2 x 0.5	3.55	1.45	11.2	4.85	38.2

\* Standards: our products comply with all or part of the requirements of standards quoted: contact us  
Other cross-sections available on request

For this product, please contact:

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