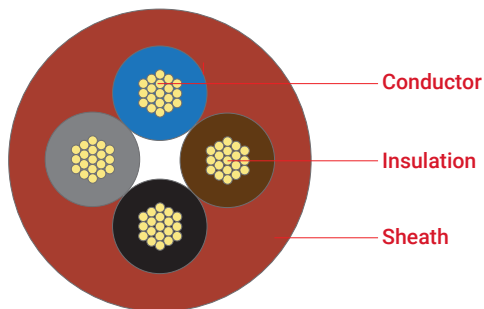




**Cable structure**



Stranded copper wire  
 Class 5, IEC 60228  
 Silicone insulation, in compliance with HD 308 S2 insulation colour coding  
 EI2 EN 50363-1  
 Silicone, RAL 2003 Tile Red  
 EM9 EN 50363-2-1

**Application**

The cable with silicone insulation and sheath is used in dry or wet interior areas with high ambient temperature not exposed to mechanical strain. Offers practical advantages thanks to flexible design. Primarily used as a power cable in heating coils and furnaces as well as foundries, glass & ceramic workshops and engineering projects for measuring, controlling and power supplying purposes.

**Specifications**

Temperature range	fixed		-50°C ...+180°C
	flexing		-20°C ...+150°C
Bending radius	fixed	min.	4 x D
	flexing	min.	8 x D
Conductor resistance	0.75 mm <sup>2</sup>	max.	26.0 Ω/km
	1.0 mm <sup>2</sup>	max.	19.5 Ω/km
	1.5 mm <sup>2</sup>	max.	13.3 Ω/km
	2.5 mm <sup>2</sup>	max.	7.98 Ω/km
Insulation resistance		min.	20 MΩ x km
Test voltage			2000 V
Operating voltage		max.	300/500 V

**Standards** EN 50525-2-83

**Fire performance**

Vertical flame propagation EN 60332-1-2  
 Vertical flame propagation EN 60332-3-24 "Category C"  
 Corrosive gas EN 60754-1/2  
 Smoke density EN 61034-2  
 Continuity of flow IEC 60331-21 FE180

**EU declaration of conformity**

LVD Low Voltage Directive 2014/35/EU  
 RoHS Restriction of Hazardous Substances 2011/65/EU

Specifications may vary depending on technical modifications.



Product code	Cable structure	Diameter [mm]	Copper weight [kg/km]	Cable weight [kg/km]
113104	2x0.75 mm <sup>2</sup>	6.4	12	54
113105	3x0.75 mm <sup>2</sup>	6.8	19	65
113106	4x0.75 mm <sup>2</sup>	7.8	25	85

Product code	Cable structure	Diameter [mm]	Copper weight [kg/km]	Cable weight [kg/km]
113110	2x1 mm <sup>2</sup>	6.6	16	60
113111	3x1 mm <sup>2</sup>	7.4	25	79
113112	4x1 mm <sup>2</sup>	8.0	33	96

Product code	Cable structure	Diameter [mm]	Copper weight [kg/km]	Cable weight [kg/km]
113116	2x1.5 mm <sup>2</sup>	7.8	25	86
113117	3x1.5 mm <sup>2</sup>	8.1	37	101
113118	4x1.5 mm <sup>2</sup>	8.7	49	121

Product code	Cable structure	Diameter [mm]	Copper weight [kg/km]	Cable weight [kg/km]
113122	2x2.5 mm <sup>2</sup>	9.2	41	124
113123	3x2.5 mm <sup>2</sup>	9.8	62	153
113124	4x2.5 mm <sup>2</sup>	10.6	82	187

Specifications may vary depending on technical modifications.