



PROTECTED SILICONE CABLE WITH BRAID

VDE / IEC silicone cable reference

25 orderable sizes

STANDARD VDE / IEC silicone cable reference	VOLTAGE CLASS 300/500 V	TEMPERATURE CLASS -60 °C to +180 °C protected service
CONDUCTOR Class 5 tinned copper conductor	INSULATION / JACKET Silicone rubber inner sheath with braid protection	

Construction

- 1 ■ Conductor (per core) – Class 5 tinned copper conductor · 32 × Ø0.2 mm · IEC 60228 cl.5
- 2 ■ Core insulation – Silicone rubber core insulation
- 3 ■ Filler – PP filler
- 4 ■ Shield – Braid shield (C)
- 5 ■ Sheath – Silicone rubber inner sheath with braid protection

Size selection — all available cross-sections

Cable reference	Silicone cable duty	Core design	Conductor size	Voltage class	Max DC resistance at 20 °C	OD guide	Cable weight
SIHFP 300/500 V Mechanically protected silicone cable 2 core 0.5 mm ²	Mechanically protected silicone cable	2 core	0.5 mm ²	300/500 V	37.1 Ω/km	10.0 mm	0.33 kg/m
SIHFP 300/500 V Mechanically protected silicone cable 2 core 0.75 mm ²	Mechanically protected silicone cable	2 core	0.75 mm ²	300/500 V	24.7 Ω/km	10.3 mm	0.34 kg/m
SIHFP 300/500 V Mechanically protected silicone cable 2 core 1.0 mm ²	Mechanically protected silicone cable	2 core	1.0 mm ²	300/500 V	18.5 Ω/km	10.5 mm	0.34 kg/m
SIHFP 300/500 V Mechanically protected silicone cable 2 core 1.5 mm ²	Mechanically protected silicone cable	2 core	1.5 mm ²	300/500 V	12.7 Ω/km	10.8 mm	0.35 kg/m

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SIHFP 300/500 V Mechanically protected silicone cable 2 core 2.5 mm ²	Mechanically protected silicone cable	2 core	2.5 mm ²	300/500 V	7.6 Ω/km	11.3 mm	0.38 kg/m
SIHFP 300/500 V Mechanically protected silicone cable 3 core 0.5 mm ²	Mechanically protected silicone cable	3 core	0.5 mm ²	300/500 V	37.1 Ω/km	10.7 mm	0.34 kg/m
SIHFP 300/500 V Mechanically protected silicone cable 3 core 0.75 mm ²	Mechanically protected silicone cable	3 core	0.75 mm ²	300/500 V	24.7 Ω/km	10.9 mm	0.34 kg/m
SIHFP 300/500 V Mechanically protected silicone cable 3 core 1.0 mm ²	Mechanically protected silicone cable	3 core	1.0 mm ²	300/500 V	18.5 Ω/km	11.1 mm	0.35 kg/m
SIHFP 300/500 V Mechanically protected silicone cable 3 core 1.5 mm ²	Mechanically protected silicone cable	3 core	1.5 mm ²	300/500 V	12.7 Ω/km	11.5 mm	0.37 kg/m
SIHFP 300/500 V Mechanically protected silicone cable 3 core 2.5 mm ²	Mechanically protected silicone cable	3 core	2.5 mm ²	300/500 V	7.6 Ω/km	12.0 mm	0.40 kg/m
SIHFP 300/500 V Mechanically protected silicone cable 4 core 0.5 mm ²	Mechanically protected silicone cable	4 core	0.5 mm ²	300/500 V	37.1 Ω/km	11.3 mm	0.34 kg/m
SIHFP 300/500 V Mechanically protected silicone cable 4 core 0.75 mm ²	Mechanically protected silicone cable	4 core	0.75 mm ²	300/500 V	24.7 Ω/km	11.5 mm	0.35 kg/m
SIHFP 300/500 V Mechanically protected silicone cable 4 core 1.0 mm ²	Mechanically protected silicone cable	4 core	1.0 mm ²	300/500 V	18.5 Ω/km	11.7 mm	0.36 kg/m
SIHFP 300/500 V Mechanically protected silicone cable 4 core 1.5 mm ²	Mechanically protected silicone cable	4 core	1.5 mm ²	300/500 V	12.7 Ω/km	12.0 mm	0.39 kg/m
SIHFP 300/500 V Mechanically protected silicone cable 4 core 2.5 mm ²	Mechanically protected silicone cable	4 core	2.5 mm ²	300/500 V	7.6 Ω/km	12.6 mm	0.43 kg/m
SIHFP 300/500 V Mechanically protected silicone cable 5 core 0.5 mm ²	Mechanically protected silicone cable	5 core	0.5 mm ²	300/500 V	37.1 Ω/km	11.8 mm	0.35 kg/m

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SIHFP 300/500 V Mechanically protected silicone cable 5 core 0.75 mm ²	Mechanically protected silicone cable	5 core	0.75 mm ²	300/500 V	24.7 Ω/km	12.0 mm	0.36 kg/m
SIHFP 300/500 V Mechanically protected silicone cable 5 core 1.0 mm ²	Mechanically protected silicone cable	5 core	1.0 mm ²	300/500 V	18.5 Ω/km	12.2 mm	0.38 kg/m
SIHFP 300/500 V Mechanically protected silicone cable 5 core 1.5 mm ²	Mechanically protected silicone cable	5 core	1.5 mm ²	300/500 V	12.7 Ω/km	12.5 mm	0.40 kg/m
SIHFP 300/500 V Mechanically protected silicone cable 5 core 2.5 mm ²	Mechanically protected silicone cable	5 core	2.5 mm ²	300/500 V	7.6 Ω/km	13.1 mm	0.46 kg/m
SIHFP 300/500 V Mechanically protected silicone cable 7 core 0.5 mm ²	Mechanically protected silicone cable	7 core	0.5 mm ²	300/500 V	37.1 Ω/km	12.6 mm	0.36 kg/m
SIHFP 300/500 V Mechanically protected silicone cable 7 core 0.75 mm ²	Mechanically protected silicone cable	7 core	0.75 mm ²	300/500 V	24.7 Ω/km	12.9 mm	0.38 kg/m
SIHFP 300/500 V Mechanically protected silicone cable 7 core 1.0 mm ²	Mechanically protected silicone cable	7 core	1.0 mm ²	300/500 V	18.5 Ω/km	13.1 mm	0.40 kg/m
SIHFP 300/500 V Mechanically protected silicone cable 7 core 1.5 mm ²	Mechanically protected silicone cable	7 core	1.5 mm ²	300/500 V	12.7 Ω/km	13.4 mm	0.44 kg/m
SIHFP 300/500 V Mechanically protected silicone cable 7 core 2.5 mm ²	Mechanically protected silicone cable	7 core	2.5 mm ²	300/500 V	7.6 Ω/km	13.9 mm	0.51 kg/m