



SILICONE HEATER AND APPLIANCE LEAD

UL 758 / IEC silicone appliance wire reference

12 orderable sizes

STANDARD UL 758 / IEC silicone appliance wire reference	VOLTAGE CLASS 300/500 V	TEMPERATURE CLASS -60 °C to +180 °C appliance lead service
CONDUCTOR Tinned copper flexible conductor	INSULATION / JACKET Silicone rubber heater-lead covering	

Construction

- 1 ■ **Conductor (per core)** – Tinned copper flexible conductor · 16 × Ø0.2 mm · IEC 60228 cl.5
- 2 ■ **Core insulation** – Silicone rubber heater-lead insulation
- 3 ■ **Filler** – PP filler
- 4 ■ **Sheath** – Silicone rubber heater-lead covering

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
Silicone heater lead 300/500 V Heater and appliance lead wiring 1 core 0.5 mm ²	Heater and appliance lead wiring	1 core	0.5 mm ²	300/500 V	37.1 Ω/km	5.0 mm	0.17 kg/m
Silicone heater lead 300/500 V Heater and appliance lead wiring 1 core 0.75 mm ²	Heater and appliance lead wiring	1 core	0.75 mm ²	300/500 V	24.7 Ω/km	5.2 mm	0.17 kg/m
Silicone heater lead 300/500 V Heater and appliance lead wiring 1 core 1.0 mm ²	Heater and appliance lead wiring	1 core	1.0 mm ²	300/500 V	18.5 Ω/km	5.4 mm	0.17 kg/m
Silicone heater lead 300/500 V Heater and appliance lead wiring 1 core 1.5 mm ²	Heater and appliance lead wiring	1 core	1.5 mm ²	300/500 V	12.7 Ω/km	5.7 mm	0.18 kg/m

Cable reference	Silicone cable duty	Core design	Conductor size	Voltage class	Max DC resistance at 20 °C	OD guide	Cable weight
Silicone heater lead 300/500 V Heater and appliance lead wiring 1 core 2.5 mm ²	Heater and appliance lead wiring	1 core	2.5 mm ²	300/500 V	7.6 Ω/km	6.1 mm	0.19 kg/m
Silicone heater lead 300/500 V Heater and appliance lead wiring 1 core 4 mm ²	Heater and appliance lead wiring	1 core	4 mm ²	300/500 V	4.7 Ω/km	6.7 mm	0.20 kg/m
Silicone heater lead 300/500 V Heater and appliance lead wiring 2 core 0.5 mm ²	Heater and appliance lead wiring	2 core	0.5 mm ²	300/500 V	37.1 Ω/km	8.3 mm	0.17 kg/m
Silicone heater lead 300/500 V Heater and appliance lead wiring 2 core 0.75 mm ²	Heater and appliance lead wiring	2 core	0.75 mm ²	300/500 V	24.7 Ω/km	8.6 mm	0.18 kg/m
Silicone heater lead 300/500 V Heater and appliance lead wiring 2 core 1.0 mm ²	Heater and appliance lead wiring	2 core	1.0 mm ²	300/500 V	18.5 Ω/km	8.8 mm	0.18 kg/m
Silicone heater lead 300/500 V Heater and appliance lead wiring 2 core 1.5 mm ²	Heater and appliance lead wiring	2 core	1.5 mm ²	300/500 V	12.7 Ω/km	9.1 mm	0.19 kg/m
Silicone heater lead 300/500 V Heater and appliance lead wiring 2 core 2.5 mm ²	Heater and appliance lead wiring	2 core	2.5 mm ²	300/500 V	7.6 Ω/km	9.6 mm	0.21 kg/m
Silicone heater lead 300/500 V Heater and appliance lead wiring 2 core 4 mm ²	Heater and appliance lead wiring	2 core	4 mm ²	300/500 V	4.7 Ω/km	10.3 mm	0.25 kg/m