



FEP AND PFA HEAT-RESISTANT EQUIPMENT WIRE

UL 758 / IEC 60228 reference

9 orderable sizes

STANDARD UL 758 / IEC 60228 reference	VOLTAGE CLASS 300/500 V or 600 V	TEMPERATURE CLASS FEP up to +200 °C / PFA up to +250 °C by grade
CONDUCTOR Tinned, silver-plated or nickel-plated copper conductor	INSULATION / JACKET FEP or PFA fluoropolymer finish	

Construction

- 1** **Conductor** – Tinned, silver-plated or nickel-plated copper conductor · 7 × Ø0.52 mm · IEC 60228 cl.2
- 2** **Insulation** – FEP or PFA fluoropolymer insulation

Size selection — all available cross-sections

Cable reference	Heat duty	Core design	Conductor size	Voltage class	Max DC resistance at 20 °C	OD guide	Cable weight
FEP PFA wire 300/500 V or 600 V Chemical and heat resistant appliance wiring 1 core 0.25 mm ²	Chemical and heat resistant appliance wiring	1 core	0.25 mm ²	300/500 V or 600 V	74.0 Ω/km	3.4 mm	0.13 kg/m
FEP PFA wire 300/500 V or 600 V Chemical and heat resistant appliance wiring 1 core 0.5 mm ²	Chemical and heat resistant appliance wiring	1 core	0.5 mm ²	300/500 V or 600 V	37.1 Ω/km	3.7 mm	0.14 kg/m
FEP PFA wire 300/500 V or 600 V Chemical and heat resistant appliance wiring 1 core 0.75 mm ²	Chemical and heat resistant appliance wiring	1 core	0.75 mm ²	300/500 V or 600 V	24.7 Ω/km	3.9 mm	0.14 kg/m
FEP PFA wire 300/500 V or 600 V Chemical and heat resistant appliance wiring 1 core 1.0 mm ²	Chemical and heat resistant appliance wiring	1 core	1.0 mm ²	300/500 V or 600 V	18.5 Ω/km	4.1 mm	0.14 kg/m
FEP PFA wire 300/500 V or 600 V Chemical and heat resistant appliance wiring 1 core 1.5 mm ²	Chemical and heat resistant appliance wiring	1 core	1.5 mm ²	300/500 V or 600 V	12.7 Ω/km	4.4 mm	0.15 kg/m

Cable reference	Heat duty	Core design	Conductor size	Voltage class	Max DC resistance at 20 °C	OD guide	Cable weight
FEP PFA wire 300/500 V or 600 V Chemical and heat resistant appliance wiring 1 core 2.5 mm ²	Chemical and heat resistant appliance wiring	1 core	2.5 mm ²	300/500 V or 600 V	7.6 Ω/km	4.8 mm	0.16 kg/m
FEP PFA wire 300/500 V or 600 V Chemical and heat resistant appliance wiring 1 core 4 mm ²	Chemical and heat resistant appliance wiring	1 core	4 mm ²	300/500 V or 600 V	4.7 Ω/km	5.4 mm	0.17 kg/m
FEP PFA wire 300/500 V or 600 V Chemical and heat resistant appliance wiring 1 core 6 mm ²	Chemical and heat resistant appliance wiring	1 core	6 mm ²	300/500 V or 600 V	3.1 Ω/km	6.0 mm	0.20 kg/m
FEP PFA wire 300/500 V or 600 V Chemical and heat resistant appliance wiring 1 core 10 mm ²	Chemical and heat resistant appliance wiring	1 core	10 mm ²	300/500 V or 600 V	1.83 Ω/km	7.0 mm	0.24 kg/m

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