



PV1-F SOLAR CABLE REFERENCE

PV1-F reference

7 orderable sizes

STANDARD PV1-F reference	VOLTAGE CLASS 1.0/1.0 kV AC / 1.8 kV DC	CONDUCTOR Class 5 tinned copper conductor
INSULATION / JACKET UV resistant halogen-free sheath		

Construction

- 1** **Conductor** – Class 5 tinned copper conductor · 196 × Ø0.4 mm · IEC 60228 cl.5
- 2** **Insulation** – Electron-beam cross-linked insulation

Size selection — all available cross-sections

Cable reference	Voltage class	Conductor	Cross-section	Sheath / ID	Environmental rating	OD guide
PV1-F 1.0/1.0 kV AC / 1.8 kV DC 1 core 2.5 mm ² Black	1.0/1.0 kV AC / 1.8 kV DC	Class 5 tinned copper conductor	2.5 mm ²	Black	UV and weather resistant PV duty	7 mm
PV1-F 1.0/1.0 kV AC / 1.8 kV DC 1 core 4 mm ² Black	1.0/1.0 kV AC / 1.8 kV DC	Class 5 tinned copper conductor	4 mm ²	Black	UV and weather resistant PV duty	8 mm
PV1-F 1.0/1.0 kV AC / 1.8 kV DC 1 core 6 mm ² Black	1.0/1.0 kV AC / 1.8 kV DC	Class 5 tinned copper conductor	6 mm ²	Black	UV and weather resistant PV duty	9 mm
PV1-F 1.0/1.0 kV AC / 1.8 kV DC 1 core 10 mm ² Black	1.0/1.0 kV AC / 1.8 kV DC	Class 5 tinned copper conductor	10 mm ²	Black	UV and weather resistant PV duty	11 mm
PV1-F 1.0/1.0 kV AC / 1.8 kV DC 1 core 16 mm ² Black	1.0/1.0 kV AC / 1.8 kV DC	Class 5 tinned copper conductor	16 mm ²	Black	UV and weather resistant PV duty	12 mm
PV1-F 1.0/1.0 kV AC / 1.8 kV DC 1 core 25 mm ² Black	1.0/1.0 kV AC / 1.8 kV DC	Class 5 tinned copper conductor	25 mm ²	Black	UV and weather resistant PV duty	15 mm
PV1-F 1.0/1.0 kV AC / 1.8 kV DC 1 core 35 mm ² Black	1.0/1.0 kV AC / 1.8 kV DC	Class 5 tinned copper conductor	35 mm ²	Black	UV and weather resistant PV duty	16 mm

Cable reference	Voltage class	Conductor	Cross-section	Sheath / ID	Environmental rating	OD guide
PV1-F 1.0/1.0 kV AC / 1.8 kV DC 1 core 2.5 mm ² Red	1.0/1.0 kV AC / 1.8 kV DC	Class 5 tinned copper conductor	2.5 mm ²	Red	UV and weather resistant PV duty	7 mm
PV1-F 1.0/1.0 kV AC / 1.8 kV DC 1 core 4 mm ² Red	1.0/1.0 kV AC / 1.8 kV DC	Class 5 tinned copper conductor	4 mm ²	Red	UV and weather resistant PV duty	8 mm
PV1-F 1.0/1.0 kV AC / 1.8 kV DC 1 core 6 mm ² Red	1.0/1.0 kV AC / 1.8 kV DC	Class 5 tinned copper conductor	6 mm ²	Red	UV and weather resistant PV duty	9 mm
PV1-F 1.0/1.0 kV AC / 1.8 kV DC 1 core 10 mm ² Red	1.0/1.0 kV AC / 1.8 kV DC	Class 5 tinned copper conductor	10 mm ²	Red	UV and weather resistant PV duty	11 mm
PV1-F 1.0/1.0 kV AC / 1.8 kV DC 1 core 16 mm ² Red	1.0/1.0 kV AC / 1.8 kV DC	Class 5 tinned copper conductor	16 mm ²	Red	UV and weather resistant PV duty	12 mm
PV1-F 1.0/1.0 kV AC / 1.8 kV DC 1 core 25 mm ² Red	1.0/1.0 kV AC / 1.8 kV DC	Class 5 tinned copper conductor	25 mm ²	Red	UV and weather resistant PV duty	15 mm
PV1-F 1.0/1.0 kV AC / 1.8 kV DC 1 core 35 mm ² Red	1.0/1.0 kV AC / 1.8 kV DC	Class 5 tinned copper conductor	35 mm ²	Red	UV and weather resistant PV duty	16 mm

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