



TWIN PV DC CABLE

EN 50618

5 orderable sizes

STANDARD EN 50618	VOLTAGE CLASS 1.5 kV DC	CONDUCTOR Class 5 tinned copper conductor
INSULATION / JACKET Bonded red and black halogen-free sheath		

Construction

- 1 **Conductor (per core)** – Class 5 tinned copper conductor · 50 × Ø0.25 mm · IEC 60228 cl.5
- 2 **Core insulation** – Cross-linked halogen-free rubber insulation
- 3 **Filler** – PP filler
- 4 **Sheath** – Bonded red and black halogen-free sheath

Size selection — all available cross-sections

Cable reference	Voltage class	Conductor	Cross-section	Sheath / ID	Environmental rating	OD guide
Twin Solar DC 1.5 kV DC 2 core 2.5 mm ² Red / black	1.5 kV DC	Class 5 tinned copper conductor	2.5 mm ²	Red / black	UV, ozone and outdoor PV routing	13 mm
Twin Solar DC 1.5 kV DC 2 core 4 mm ² Red / black	1.5 kV DC	Class 5 tinned copper conductor	4 mm ²	Red / black	UV, ozone and outdoor PV routing	13 mm
Twin Solar DC 1.5 kV DC 2 core 6 mm ² Red / black	1.5 kV DC	Class 5 tinned copper conductor	6 mm ²	Red / black	UV, ozone and outdoor PV routing	14 mm
Twin Solar DC 1.5 kV DC 2 core 10 mm ² Red / black	1.5 kV DC	Class 5 tinned copper conductor	10 mm ²	Red / black	UV, ozone and outdoor PV routing	16 mm
Twin Solar DC 1.5 kV DC 2 core 16 mm ² Red / black	1.5 kV DC	Class 5 tinned copper conductor	16 mm ²	Red / black	UV, ozone and outdoor PV routing	18 mm