



PV STRING CABLE

EN 50618

14 orderable sizes

STANDARD EN 50618	VOLTAGE CLASS 1.5 kV DC / 1.0 kV AC	CONDUCTOR Class 5 tinned copper conductor
INSULATION / JACKET Cross-linked halogen-free rubber sheath		

Construction

- 1** ■ **Conductor** – Class 5 tinned copper conductor · 196 × Ø0.4 mm · IEC 60228 cl.5
- 2** ■ **Insulation** – Cross-linked halogen-free rubber insulation

Size selection — all available cross-sections

Cable reference	Voltage class	Conductor	Cross-section	Sheath / ID	Environmental rating	OD guide
H1Z2Z2-K 1.5 kV DC / 1.0 kV AC 1 core 2.5 mm² Black	1.5 kV DC / 1.0 kV AC	Class 5 tinned copper conductor	2.5 mm ²	Black	UV, ozone and AD8 water resistance	7 mm
H1Z2Z2-K 1.5 kV DC / 1.0 kV AC 1 core 4 mm² Black	1.5 kV DC / 1.0 kV AC	Class 5 tinned copper conductor	4 mm ²	Black	UV, ozone and AD8 water resistance	8 mm
H1Z2Z2-K 1.5 kV DC / 1.0 kV AC 1 core 6 mm² Black	1.5 kV DC / 1.0 kV AC	Class 5 tinned copper conductor	6 mm ²	Black	UV, ozone and AD8 water resistance	9 mm
H1Z2Z2-K 1.5 kV DC / 1.0 kV AC 1 core 10 mm² Black	1.5 kV DC / 1.0 kV AC	Class 5 tinned copper conductor	10 mm ²	Black	UV, ozone and AD8 water resistance	11 mm
H1Z2Z2-K 1.5 kV DC / 1.0 kV AC 1 core 16 mm² Black	1.5 kV DC / 1.0 kV AC	Class 5 tinned copper conductor	16 mm ²	Black	UV, ozone and AD8 water resistance	12 mm
H1Z2Z2-K 1.5 kV DC / 1.0 kV AC 1 core 25 mm² Black	1.5 kV DC / 1.0 kV AC	Class 5 tinned copper conductor	25 mm ²	Black	UV, ozone and AD8 water resistance	15 mm
H1Z2Z2-K 1.5 kV DC / 1.0 kV AC 1 core 35 mm² Black	1.5 kV DC / 1.0 kV AC	Class 5 tinned copper conductor	35 mm ²	Black	UV, ozone and AD8 water resistance	16 mm

Cable reference	Voltage class	Conductor	Cross-section	Sheath / ID	Environmental rating	OD guide
H1Z2Z2-K 1.5 kV DC / 1.0 kV AC 1 core 50 mm ² Black	1.5 kV DC / 1.0 kV AC	Class 5 tinned copper conductor	50 mm ²	Black	UV, ozone and AD8 water resistance	19 mm
H1Z2Z2-K 1.5 kV DC / 1.0 kV AC 1 core 70 mm ² Black	1.5 kV DC / 1.0 kV AC	Class 5 tinned copper conductor	70 mm ²	Black	UV, ozone and AD8 water resistance	22 mm
H1Z2Z2-K 1.5 kV DC / 1.0 kV AC 1 core 95 mm ² Black	1.5 kV DC / 1.0 kV AC	Class 5 tinned copper conductor	95 mm ²	Black	UV, ozone and AD8 water resistance	24 mm
H1Z2Z2-K 1.5 kV DC / 1.0 kV AC 1 core 120 mm ² Black	1.5 kV DC / 1.0 kV AC	Class 5 tinned copper conductor	120 mm ²	Black	UV, ozone and AD8 water resistance	27 mm
H1Z2Z2-K 1.5 kV DC / 1.0 kV AC 1 core 150 mm ² Black	1.5 kV DC / 1.0 kV AC	Class 5 tinned copper conductor	150 mm ²	Black	UV, ozone and AD8 water resistance	30 mm
H1Z2Z2-K 1.5 kV DC / 1.0 kV AC 1 core 185 mm ² Black	1.5 kV DC / 1.0 kV AC	Class 5 tinned copper conductor	185 mm ²	Black	UV, ozone and AD8 water resistance	33 mm
H1Z2Z2-K 1.5 kV DC / 1.0 kV AC 1 core 240 mm ² Black	1.5 kV DC / 1.0 kV AC	Class 5 tinned copper conductor	240 mm ²	Black	UV, ozone and AD8 water resistance	37 mm
Cable reference	Voltage class	Conductor	Cross-section	Sheath / ID	Environmental rating	OD guide
H1Z2Z2-K 1.5 kV DC / 1.0 kV AC 1 core 2.5 mm ² Red	1.5 kV DC / 1.0 kV AC	Class 5 tinned copper conductor	2.5 mm ²	Red	UV, ozone and AD8 water resistance	7 mm
H1Z2Z2-K 1.5 kV DC / 1.0 kV AC 1 core 4 mm ² Red	1.5 kV DC / 1.0 kV AC	Class 5 tinned copper conductor	4 mm ²	Red	UV, ozone and AD8 water resistance	8 mm
H1Z2Z2-K 1.5 kV DC / 1.0 kV AC 1 core 6 mm ² Red	1.5 kV DC / 1.0 kV AC	Class 5 tinned copper conductor	6 mm ²	Red	UV, ozone and AD8 water resistance	9 mm
H1Z2Z2-K 1.5 kV DC / 1.0 kV AC 1 core 10 mm ² Red	1.5 kV DC / 1.0 kV AC	Class 5 tinned copper conductor	10 mm ²	Red	UV, ozone and AD8 water resistance	11 mm
H1Z2Z2-K 1.5 kV DC / 1.0 kV AC 1 core 16 mm ² Red	1.5 kV DC / 1.0 kV AC	Class 5 tinned copper conductor	16 mm ²	Red	UV, ozone and AD8 water resistance	12 mm
H1Z2Z2-K 1.5 kV DC / 1.0 kV AC 1 core 25 mm ² Red	1.5 kV DC / 1.0 kV AC	Class 5 tinned copper conductor	25 mm ²	Red	UV, ozone and AD8 water resistance	15 mm
H1Z2Z2-K 1.5 kV DC / 1.0 kV AC 1 core 35 mm ² Red	1.5 kV DC / 1.0 kV AC	Class 5 tinned copper conductor	35 mm ²	Red	UV, ozone and AD8 water resistance	16 mm
H1Z2Z2-K 1.5 kV DC / 1.0 kV AC 1 core 50 mm ² Red	1.5 kV DC / 1.0 kV AC	Class 5 tinned copper conductor	50 mm ²	Red	UV, ozone and AD8 water resistance	19 mm

Cable reference	Voltage class	Conductor	Cross-section	Sheath / ID	Environmental rating	OD guide
H1Z2Z2-K 1.5 kV DC / 1.0 kV AC 1 core 70 mm ² Red	1.5 kV DC / 1.0 kV AC	Class 5 tinned copper conductor	70 mm ²	Red	UV, ozone and AD8 water resistance	22 mm
H1Z2Z2-K 1.5 kV DC / 1.0 kV AC 1 core 95 mm ² Red	1.5 kV DC / 1.0 kV AC	Class 5 tinned copper conductor	95 mm ²	Red	UV, ozone and AD8 water resistance	24 mm
H1Z2Z2-K 1.5 kV DC / 1.0 kV AC 1 core 120 mm ² Red	1.5 kV DC / 1.0 kV AC	Class 5 tinned copper conductor	120 mm ²	Red	UV, ozone and AD8 water resistance	27 mm
H1Z2Z2-K 1.5 kV DC / 1.0 kV AC 1 core 150 mm ² Red	1.5 kV DC / 1.0 kV AC	Class 5 tinned copper conductor	150 mm ²	Red	UV, ozone and AD8 water resistance	30 mm
H1Z2Z2-K 1.5 kV DC / 1.0 kV AC 1 core 185 mm ² Red	1.5 kV DC / 1.0 kV AC	Class 5 tinned copper conductor	185 mm ²	Red	UV, ozone and AD8 water resistance	33 mm
H1Z2Z2-K 1.5 kV DC / 1.0 kV AC 1 core 240 mm ² Red	1.5 kV DC / 1.0 kV AC	Class 5 tinned copper conductor	240 mm ²	Red	UV, ozone and AD8 water resistance	37 mm

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