



ARMOURED PV FEEDER CABLE

IEC 60502-1

11 orderable sizes

STANDARD IEC 60502-1	VOLTAGE CLASS 1.5/1.5 kV DC	CONDUCTOR Class 2 aluminium conductor
INSULATION / JACKET UV resistant PVC or LSZH sheath		

Construction

- 1 **Conductor** – Class 2 aluminium conductor · 7 × Ø2.13 mm · IEC 60228 cl.2
- 2 **Insulation** – XLPE insulation
- 3 **Bedding** – PVC bedding
- 4 **Armour** – Galvanised steel wire armour (SWA)
- 5 **Sheath** – UV resistant PVC or LSZH sheath

Size selection — all available cross-sections

Cable reference	Voltage class	Conductor	Cross-section	Sheath / ID	Environmental rating	OD guide
Armoured Aluminium PV 1500 V 1.5/1.5 kV DC 1 core 16 mm ² Black	1.5/1.5 kV DC	Class 2 aluminium conductor	16 mm ²	Black	UV, impact and direct-burial feeder duty	20 mm
Armoured Aluminium PV 1500 V 1.5/1.5 kV DC 1 core 25 mm ² Black	1.5/1.5 kV DC	Class 2 aluminium conductor	25 mm ²	Black	UV, impact and direct-burial feeder duty	23 mm
Armoured Aluminium PV 1500 V 1.5/1.5 kV DC 1 core 35 mm ² Black	1.5/1.5 kV DC	Class 2 aluminium conductor	35 mm ²	Black	UV, impact and direct-burial feeder duty	24 mm
Armoured Aluminium PV 1500 V 1.5/1.5 kV DC 1 core 50 mm ² Black	1.5/1.5 kV DC	Class 2 aluminium conductor	50 mm ²	Black	UV, impact and direct-burial feeder duty	27 mm
Armoured Aluminium PV 1500 V 1.5/1.5 kV DC 1 core 70 mm ² Black	1.5/1.5 kV DC	Class 2 aluminium conductor	70 mm ²	Black	UV, impact and direct-burial feeder duty	30 mm
Armoured Aluminium PV 1500 V 1.5/1.5 kV DC 1 core 95 mm ² Black	1.5/1.5 kV DC	Class 2 aluminium conductor	95 mm ²	Black	UV, impact and direct-burial feeder duty	32 mm

Cable reference	Voltage class	Conductor	Cross-section	Sheath / ID	Environmental rating	OD guide
Armoured Aluminium PV 1500 V 1.5/1.5 kV DC 1 core 120 mm² Black	1.5/1.5 kV DC	Class 2 aluminium conductor	120 mm ²	Black	UV, impact and direct-burial feeder duty	35 mm
Armoured Aluminium PV 1500 V 1.5/1.5 kV DC 1 core 150 mm² Black	1.5/1.5 kV DC	Class 2 aluminium conductor	150 mm ²	Black	UV, impact and direct-burial feeder duty	38 mm
Armoured Aluminium PV 1500 V 1.5/1.5 kV DC 1 core 185 mm² Black	1.5/1.5 kV DC	Class 2 aluminium conductor	185 mm ²	Black	UV, impact and direct-burial feeder duty	41 mm
Armoured Aluminium PV 1500 V 1.5/1.5 kV DC 1 core 240 mm² Black	1.5/1.5 kV DC	Class 2 aluminium conductor	240 mm ²	Black	UV, impact and direct-burial feeder duty	45 mm
Armoured Aluminium PV 1500 V 1.5/1.5 kV DC 1 core 300 mm² Black	1.5/1.5 kV DC	Class 2 aluminium conductor	300 mm ²	Black	UV, impact and direct-burial feeder duty	48 mm

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