



SOLAR INVERTER AC CABLE

IEC 60502-1

27 orderable sizes

STANDARD IEC 60502-1	VOLTAGE CLASS 0.6/1 kV	CONDUCTOR Copper conductor
INSULATION / JACKET UV resistant LSZH sheath		

Construction

- 1 ■ **Conductor (per core)** – Copper conductor · 276 × Ø0.4 mm · IEC 60228 cl.5
- 2 ■ **Core insulation** – XLPE insulation
- 3 ■ **Filler** – PP filler
- 4 ■ **Sheath** – UV resistant LSZH sheath

Size selection — all available cross-sections

Cable reference	Voltage class	Conductor	Cross-section	Sheath / ID	Environmental rating	OD guide
Solar AC Inverter LSZH 0.6/1 kV 3 core 2.5 mm ² Black	0.6/1 kV	Copper conductor	2.5 mm ²	Black	UV, LSZH and outdoor inverter route duty	15 mm
Solar AC Inverter LSZH 0.6/1 kV 3 core 4 mm ² Black	0.6/1 kV	Copper conductor	4 mm ²	Black	UV, LSZH and outdoor inverter route duty	16 mm
Solar AC Inverter LSZH 0.6/1 kV 3 core 6 mm ² Black	0.6/1 kV	Copper conductor	6 mm ²	Black	UV, LSZH and outdoor inverter route duty	17 mm
Solar AC Inverter LSZH 0.6/1 kV 3 core 10 mm ² Black	0.6/1 kV	Copper conductor	10 mm ²	Black	UV, LSZH and outdoor inverter route duty	18 mm
Solar AC Inverter LSZH 0.6/1 kV 3 core 16 mm ² Black	0.6/1 kV	Copper conductor	16 mm ²	Black	UV, LSZH and outdoor inverter route duty	20 mm
Solar AC Inverter LSZH 0.6/1 kV 3 core 25 mm ² Black	0.6/1 kV	Copper conductor	25 mm ²	Black	UV, LSZH and outdoor inverter route duty	22 mm
Solar AC Inverter LSZH 0.6/1 kV 3 core 35 mm ² Black	0.6/1 kV	Copper conductor	35 mm ²	Black	UV, LSZH and outdoor inverter route duty	24 mm

Cable reference	Voltage class	Conductor	Cross-section	Sheath / ID	Environmental rating	OD guide
Solar AC Inverter LSZH 0.6/1 kV 3 core 50 mm ² Black	0.6/1 kV	Copper conductor	50 mm ²	Black	UV, LSZH and outdoor inverter route duty	27 mm
Solar AC Inverter LSZH 0.6/1 kV 3 core 70 mm ² Black	0.6/1 kV	Copper conductor	70 mm ²	Black	UV, LSZH and outdoor inverter route duty	29 mm
Solar AC Inverter LSZH 0.6/1 kV 4 core 2.5 mm ² Black	0.6/1 kV	Copper conductor	2.5 mm ²	Black	UV, LSZH and outdoor inverter route duty	18 mm
Solar AC Inverter LSZH 0.6/1 kV 4 core 4 mm ² Black	0.6/1 kV	Copper conductor	4 mm ²	Black	UV, LSZH and outdoor inverter route duty	19 mm
Solar AC Inverter LSZH 0.6/1 kV 4 core 6 mm ² Black	0.6/1 kV	Copper conductor	6 mm ²	Black	UV, LSZH and outdoor inverter route duty	20 mm
Solar AC Inverter LSZH 0.6/1 kV 4 core 10 mm ² Black	0.6/1 kV	Copper conductor	10 mm ²	Black	UV, LSZH and outdoor inverter route duty	21 mm
Solar AC Inverter LSZH 0.6/1 kV 4 core 16 mm ² Black	0.6/1 kV	Copper conductor	16 mm ²	Black	UV, LSZH and outdoor inverter route duty	23 mm
Solar AC Inverter LSZH 0.6/1 kV 4 core 25 mm ² Black	0.6/1 kV	Copper conductor	25 mm ²	Black	UV, LSZH and outdoor inverter route duty	25 mm
Solar AC Inverter LSZH 0.6/1 kV 4 core 35 mm ² Black	0.6/1 kV	Copper conductor	35 mm ²	Black	UV, LSZH and outdoor inverter route duty	27 mm
Solar AC Inverter LSZH 0.6/1 kV 4 core 50 mm ² Black	0.6/1 kV	Copper conductor	50 mm ²	Black	UV, LSZH and outdoor inverter route duty	29 mm
Solar AC Inverter LSZH 0.6/1 kV 4 core 70 mm ² Black	0.6/1 kV	Copper conductor	70 mm ²	Black	UV, LSZH and outdoor inverter route duty	32 mm
Solar AC Inverter LSZH 0.6/1 kV 5 core 2.5 mm ² Black	0.6/1 kV	Copper conductor	2.5 mm ²	Black	UV, LSZH and outdoor inverter route duty	20 mm
Solar AC Inverter LSZH 0.6/1 kV 5 core 4 mm ² Black	0.6/1 kV	Copper conductor	4 mm ²	Black	UV, LSZH and outdoor inverter route duty	21 mm
Solar AC Inverter LSZH 0.6/1 kV 5 core 6 mm ² Black	0.6/1 kV	Copper conductor	6 mm ²	Black	UV, LSZH and outdoor inverter route duty	22 mm
Solar AC Inverter LSZH 0.6/1 kV 5 core 10 mm ² Black	0.6/1 kV	Copper conductor	10 mm ²	Black	UV, LSZH and outdoor inverter route duty	24 mm
Solar AC Inverter LSZH 0.6/1 kV 5 core 16 mm ² Black	0.6/1 kV	Copper conductor	16 mm ²	Black	UV, LSZH and outdoor inverter route duty	25 mm

Cable reference	Voltage class	Conductor	Cross-section	Sheath / ID	Environmental rating	OD guide
Solar AC Inverter LSZH 0.6/1 kV 5 core 25 mm ² Black	0.6/1 kV	Copper conductor	25 mm ²	Black	UV, LSZH and outdoor inverter route duty	28 mm
Solar AC Inverter LSZH 0.6/1 kV 5 core 35 mm ² Black	0.6/1 kV	Copper conductor	35 mm ²	Black	UV, LSZH and outdoor inverter route duty	29 mm
Solar AC Inverter LSZH 0.6/1 kV 5 core 50 mm ² Black	0.6/1 kV	Copper conductor	50 mm ²	Black	UV, LSZH and outdoor inverter route duty	32 mm
Solar AC Inverter LSZH 0.6/1 kV 5 core 70 mm ² Black	0.6/1 kV	Copper conductor	70 mm ²	Black	UV, LSZH and outdoor inverter route duty	35 mm

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