



IEC FIRE RESISTANT POWER CABLE

IEC 60331

75 orderable sizes

STANDARD IEC 60331	VOLTAGE CLASS 0.6/1 kV	CONDUCTOR Copper conductor
INSULATION / JACKET LSZH		

Construction

- 1 ■ Conductor (per core) – Copper conductor · 37 × Ø2.87 mm · IEC 60228 cl.2
- 2 ■ Core insulation – XLPE
- 3 ■ Filler – PP filler
- 4 ■ Shield – Foil shield (B)
- 5 ■ Sheath – LSZH

Size selection — all available cross-sections

Cable reference	Voltage class	Core layout	Conductor size	Fire performance	Protection / screen	OD guide
IEC 60331 Mica XLPE LSZH 0.6/1 kV 1 core 1.5 mm ²	0.6/1 kV	1 core	1.5 mm ²	IEC 60331 circuit integrity	LSZH sheath	10 mm
IEC 60331 Mica XLPE LSZH 0.6/1 kV 1 core 2.5 mm ²	0.6/1 kV	1 core	2.5 mm ²	IEC 60331 circuit integrity	LSZH sheath	11 mm
IEC 60331 Mica XLPE LSZH 0.6/1 kV 1 core 4 mm ²	0.6/1 kV	1 core	4 mm ²	IEC 60331 circuit integrity	LSZH sheath	12 mm
IEC 60331 Mica XLPE LSZH 0.6/1 kV 1 core 6 mm ²	0.6/1 kV	1 core	6 mm ²	IEC 60331 circuit integrity	LSZH sheath	13 mm
IEC 60331 Mica XLPE LSZH 0.6/1 kV 1 core 10 mm ²	0.6/1 kV	1 core	10 mm ²	IEC 60331 circuit integrity	LSZH sheath	14 mm
IEC 60331 Mica XLPE LSZH 0.6/1 kV 1 core 16 mm ²	0.6/1 kV	1 core	16 mm ²	IEC 60331 circuit integrity	LSZH sheath	16 mm
IEC 60331 Mica XLPE LSZH 0.6/1 kV 1 core 25 mm ²	0.6/1 kV	1 core	25 mm ²	IEC 60331 circuit integrity	LSZH sheath	19 mm
IEC 60331 Mica XLPE LSZH 0.6/1 kV 1 core 35 mm ²	0.6/1 kV	1 core	35 mm ²	IEC 60331 circuit integrity	LSZH sheath	21 mm

Cable reference	Voltage class	Core layout	Conductor size	Fire performance	Protection / screen	OD guide
IEC 60331 Mica XLPE LSZH 0.6/1 kV 1 core 50 mm ²	0.6/1 kV	1 core	50 mm ²	IEC 60331 circuit integrity	LSZH sheath	24 mm
IEC 60331 Mica XLPE LSZH 0.6/1 kV 1 core 70 mm ²	0.6/1 kV	1 core	70 mm ²	IEC 60331 circuit integrity	LSZH sheath	27 mm
IEC 60331 Mica XLPE LSZH 0.6/1 kV 1 core 95 mm ²	0.6/1 kV	1 core	95 mm ²	IEC 60331 circuit integrity	LSZH sheath	30 mm
IEC 60331 Mica XLPE LSZH 0.6/1 kV 1 core 120 mm ²	0.6/1 kV	1 core	120 mm ²	IEC 60331 circuit integrity	LSZH sheath	33 mm
IEC 60331 Mica XLPE LSZH 0.6/1 kV 1 core 150 mm ²	0.6/1 kV	1 core	150 mm ²	IEC 60331 circuit integrity	LSZH sheath	36 mm
IEC 60331 Mica XLPE LSZH 0.6/1 kV 1 core 185 mm ²	0.6/1 kV	1 core	185 mm ²	IEC 60331 circuit integrity	LSZH sheath	39 mm
IEC 60331 Mica XLPE LSZH 0.6/1 kV 1 core 240 mm ²	0.6/1 kV	1 core	240 mm ²	IEC 60331 circuit integrity	LSZH sheath	44 mm
IEC 60331 Mica XLPE LSZH 0.6/1 kV 2 core 1.5 mm ²	0.6/1 kV	2 core	1.5 mm ²	IEC 60331 circuit integrity	LSZH sheath	12 mm
IEC 60331 Mica XLPE LSZH 0.6/1 kV 2 core 2.5 mm ²	0.6/1 kV	2 core	2.5 mm ²	IEC 60331 circuit integrity	LSZH sheath	12 mm
IEC 60331 Mica XLPE LSZH 0.6/1 kV 2 core 4 mm ²	0.6/1 kV	2 core	4 mm ²	IEC 60331 circuit integrity	LSZH sheath	13 mm
IEC 60331 Mica XLPE LSZH 0.6/1 kV 2 core 6 mm ²	0.6/1 kV	2 core	6 mm ²	IEC 60331 circuit integrity	LSZH sheath	14 mm
IEC 60331 Mica XLPE LSZH 0.6/1 kV 2 core 10 mm ²	0.6/1 kV	2 core	10 mm ²	IEC 60331 circuit integrity	LSZH sheath	16 mm
IEC 60331 Mica XLPE LSZH 0.6/1 kV 2 core 16 mm ²	0.6/1 kV	2 core	16 mm ²	IEC 60331 circuit integrity	LSZH sheath	18 mm
IEC 60331 Mica XLPE LSZH 0.6/1 kV 2 core 25 mm ²	0.6/1 kV	2 core	25 mm ²	IEC 60331 circuit integrity	LSZH sheath	21 mm
IEC 60331 Mica XLPE LSZH 0.6/1 kV 2 core 35 mm ²	0.6/1 kV	2 core	35 mm ²	IEC 60331 circuit integrity	LSZH sheath	23 mm
IEC 60331 Mica XLPE LSZH 0.6/1 kV 2 core 50 mm ²	0.6/1 kV	2 core	50 mm ²	IEC 60331 circuit integrity	LSZH sheath	26 mm
IEC 60331 Mica XLPE LSZH 0.6/1 kV 2 core 70 mm ²	0.6/1 kV	2 core	70 mm ²	IEC 60331 circuit integrity	LSZH sheath	29 mm
IEC 60331 Mica XLPE LSZH 0.6/1 kV 2 core 95 mm ²	0.6/1 kV	2 core	95 mm ²	IEC 60331 circuit integrity	LSZH sheath	32 mm
IEC 60331 Mica XLPE LSZH 0.6/1 kV 2 core 120 mm ²	0.6/1 kV	2 core	120 mm ²	IEC 60331 circuit integrity	LSZH sheath	35 mm
IEC 60331 Mica XLPE LSZH 0.6/1 kV 2 core 150 mm ²	0.6/1 kV	2 core	150 mm ²	IEC 60331 circuit integrity	LSZH sheath	38 mm
IEC 60331 Mica XLPE LSZH 0.6/1 kV 2 core 185 mm ²	0.6/1 kV	2 core	185 mm ²	IEC 60331 circuit integrity	LSZH sheath	41 mm

Cable reference	Voltage class	Core layout	Conductor size	Fire performance	Protection / screen	OD guide
IEC 60331 Mica XLPE LSZH 0.6/1 kV 2 core 240 mm ²	0.6/1 kV	2 core	240 mm ²	IEC 60331 circuit integrity	LSZH sheath	46 mm
IEC 60331 Mica XLPE LSZH 0.6/1 kV 3 core 1.5 mm ²	0.6/1 kV	3 core	1.5 mm ²	IEC 60331 circuit integrity	LSZH sheath	13 mm
IEC 60331 Mica XLPE LSZH 0.6/1 kV 3 core 2.5 mm ²	0.6/1 kV	3 core	2.5 mm ²	IEC 60331 circuit integrity	LSZH sheath	14 mm
IEC 60331 Mica XLPE LSZH 0.6/1 kV 3 core 4 mm ²	0.6/1 kV	3 core	4 mm ²	IEC 60331 circuit integrity	LSZH sheath	15 mm
IEC 60331 Mica XLPE LSZH 0.6/1 kV 3 core 6 mm ²	0.6/1 kV	3 core	6 mm ²	IEC 60331 circuit integrity	LSZH sheath	16 mm
IEC 60331 Mica XLPE LSZH 0.6/1 kV 3 core 10 mm ²	0.6/1 kV	3 core	10 mm ²	IEC 60331 circuit integrity	LSZH sheath	18 mm
IEC 60331 Mica XLPE LSZH 0.6/1 kV 3 core 16 mm ²	0.6/1 kV	3 core	16 mm ²	IEC 60331 circuit integrity	LSZH sheath	20 mm
IEC 60331 Mica XLPE LSZH 0.6/1 kV 3 core 25 mm ²	0.6/1 kV	3 core	25 mm ²	IEC 60331 circuit integrity	LSZH sheath	22 mm
IEC 60331 Mica XLPE LSZH 0.6/1 kV 3 core 35 mm ²	0.6/1 kV	3 core	35 mm ²	IEC 60331 circuit integrity	LSZH sheath	25 mm
IEC 60331 Mica XLPE LSZH 0.6/1 kV 3 core 50 mm ²	0.6/1 kV	3 core	50 mm ²	IEC 60331 circuit integrity	LSZH sheath	27 mm
IEC 60331 Mica XLPE LSZH 0.6/1 kV 3 core 70 mm ²	0.6/1 kV	3 core	70 mm ²	IEC 60331 circuit integrity	LSZH sheath	30 mm
IEC 60331 Mica XLPE LSZH 0.6/1 kV 3 core 95 mm ²	0.6/1 kV	3 core	95 mm ²	IEC 60331 circuit integrity	LSZH sheath	34 mm
IEC 60331 Mica XLPE LSZH 0.6/1 kV 3 core 120 mm ²	0.6/1 kV	3 core	120 mm ²	IEC 60331 circuit integrity	LSZH sheath	37 mm
IEC 60331 Mica XLPE LSZH 0.6/1 kV 3 core 150 mm ²	0.6/1 kV	3 core	150 mm ²	IEC 60331 circuit integrity	LSZH sheath	40 mm
IEC 60331 Mica XLPE LSZH 0.6/1 kV 3 core 185 mm ²	0.6/1 kV	3 core	185 mm ²	IEC 60331 circuit integrity	LSZH sheath	43 mm
IEC 60331 Mica XLPE LSZH 0.6/1 kV 3 core 240 mm ²	0.6/1 kV	3 core	240 mm ²	IEC 60331 circuit integrity	LSZH sheath	48 mm
IEC 60331 Mica XLPE LSZH 0.6/1 kV 4 core 1.5 mm ²	0.6/1 kV	4 core	1.5 mm ²	IEC 60331 circuit integrity	LSZH sheath	15 mm
IEC 60331 Mica XLPE LSZH 0.6/1 kV 4 core 2.5 mm ²	0.6/1 kV	4 core	2.5 mm ²	IEC 60331 circuit integrity	LSZH sheath	16 mm
IEC 60331 Mica XLPE LSZH 0.6/1 kV 4 core 4 mm ²	0.6/1 kV	4 core	4 mm ²	IEC 60331 circuit integrity	LSZH sheath	17 mm
IEC 60331 Mica XLPE LSZH 0.6/1 kV 4 core 6 mm ²	0.6/1 kV	4 core	6 mm ²	IEC 60331 circuit integrity	LSZH sheath	18 mm
IEC 60331 Mica XLPE LSZH 0.6/1 kV 4 core 10 mm ²	0.6/1 kV	4 core	10 mm ²	IEC 60331 circuit integrity	LSZH sheath	20 mm

Cable reference	Voltage class	Core layout	Conductor size	Fire performance	Protection / screen	OD guide
IEC 60331 Mica XLPE LSZH 0.6/1 kV 4 core 16 mm ²	0.6/1 kV	4 core	16 mm ²	IEC 60331 circuit integrity	LSZH sheath	22 mm
IEC 60331 Mica XLPE LSZH 0.6/1 kV 4 core 25 mm ²	0.6/1 kV	4 core	25 mm ²	IEC 60331 circuit integrity	LSZH sheath	24 mm
IEC 60331 Mica XLPE LSZH 0.6/1 kV 4 core 35 mm ²	0.6/1 kV	4 core	35 mm ²	IEC 60331 circuit integrity	LSZH sheath	26 mm
IEC 60331 Mica XLPE LSZH 0.6/1 kV 4 core 50 mm ²	0.6/1 kV	4 core	50 mm ²	IEC 60331 circuit integrity	LSZH sheath	29 mm
IEC 60331 Mica XLPE LSZH 0.6/1 kV 4 core 70 mm ²	0.6/1 kV	4 core	70 mm ²	IEC 60331 circuit integrity	LSZH sheath	32 mm
IEC 60331 Mica XLPE LSZH 0.6/1 kV 4 core 95 mm ²	0.6/1 kV	4 core	95 mm ²	IEC 60331 circuit integrity	LSZH sheath	36 mm
IEC 60331 Mica XLPE LSZH 0.6/1 kV 4 core 120 mm ²	0.6/1 kV	4 core	120 mm ²	IEC 60331 circuit integrity	LSZH sheath	38 mm
IEC 60331 Mica XLPE LSZH 0.6/1 kV 4 core 150 mm ²	0.6/1 kV	4 core	150 mm ²	IEC 60331 circuit integrity	LSZH sheath	42 mm
IEC 60331 Mica XLPE LSZH 0.6/1 kV 4 core 185 mm ²	0.6/1 kV	4 core	185 mm ²	IEC 60331 circuit integrity	LSZH sheath	45 mm
IEC 60331 Mica XLPE LSZH 0.6/1 kV 4 core 240 mm ²	0.6/1 kV	4 core	240 mm ²	IEC 60331 circuit integrity	LSZH sheath	49 mm
IEC 60331 Mica XLPE LSZH 0.6/1 kV 5 core 1.5 mm ²	0.6/1 kV	5 core	1.5 mm ²	IEC 60331 circuit integrity	LSZH sheath	17 mm
IEC 60331 Mica XLPE LSZH 0.6/1 kV 5 core 2.5 mm ²	0.6/1 kV	5 core	2.5 mm ²	IEC 60331 circuit integrity	LSZH sheath	18 mm
IEC 60331 Mica XLPE LSZH 0.6/1 kV 5 core 4 mm ²	0.6/1 kV	5 core	4 mm ²	IEC 60331 circuit integrity	LSZH sheath	19 mm
IEC 60331 Mica XLPE LSZH 0.6/1 kV 5 core 6 mm ²	0.6/1 kV	5 core	6 mm ²	IEC 60331 circuit integrity	LSZH sheath	20 mm
IEC 60331 Mica XLPE LSZH 0.6/1 kV 5 core 10 mm ²	0.6/1 kV	5 core	10 mm ²	IEC 60331 circuit integrity	LSZH sheath	22 mm
IEC 60331 Mica XLPE LSZH 0.6/1 kV 5 core 16 mm ²	0.6/1 kV	5 core	16 mm ²	IEC 60331 circuit integrity	LSZH sheath	24 mm
IEC 60331 Mica XLPE LSZH 0.6/1 kV 5 core 25 mm ²	0.6/1 kV	5 core	25 mm ²	IEC 60331 circuit integrity	LSZH sheath	26 mm
IEC 60331 Mica XLPE LSZH 0.6/1 kV 5 core 35 mm ²	0.6/1 kV	5 core	35 mm ²	IEC 60331 circuit integrity	LSZH sheath	28 mm
IEC 60331 Mica XLPE LSZH 0.6/1 kV 5 core 50 mm ²	0.6/1 kV	5 core	50 mm ²	IEC 60331 circuit integrity	LSZH sheath	31 mm
IEC 60331 Mica XLPE LSZH 0.6/1 kV 5 core 70 mm ²	0.6/1 kV	5 core	70 mm ²	IEC 60331 circuit integrity	LSZH sheath	34 mm
IEC 60331 Mica XLPE LSZH 0.6/1 kV 5 core 95 mm ²	0.6/1 kV	5 core	95 mm ²	IEC 60331 circuit integrity	LSZH sheath	37 mm

Cable reference	Voltage class	Core layout	Conductor size	Fire performance	Protection / screen	OD guide
IEC 60331 Mica XLPE LSZH 0.6/1 kV 5 core 120 mm²	0.6/1 kV	5 core	120 mm ²	IEC 60331 circuit integrity	LSZH sheath	40 mm
IEC 60331 Mica XLPE LSZH 0.6/1 kV 5 core 150 mm²	0.6/1 kV	5 core	150 mm ²	IEC 60331 circuit integrity	LSZH sheath	43 mm
IEC 60331 Mica XLPE LSZH 0.6/1 kV 5 core 185 mm²	0.6/1 kV	5 core	185 mm ²	IEC 60331 circuit integrity	LSZH sheath	47 mm
IEC 60331 Mica XLPE LSZH 0.6/1 kV 5 core 240 mm²	0.6/1 kV	5 core	240 mm ²	IEC 60331 circuit integrity	LSZH sheath	51 mm

UE Cable · China — sales@uecable.com · uecable.com Confirm colour, printing, packing length, delivery country and test documents on enquiry.