



**EV CHARGING INFRASTRUCTURE BUS CABLE**

IEC 60502-1

4 orderable sizes

STANDARD <b>IEC 60502-1</b>	VOLTAGE CLASS <b>0.6/1 kV</b>	CONDUCTOR <b>Class 5 flexible copper conductor</b>
INSULATION / JACKET <b>LSZH polyolefin sheath</b>		

**Construction**

- 1 ■ Conductor (per core) – Class 5 flexible copper conductor · 126 × Ø0.4 mm · IEC 60228 cl.5
- 2 ■ Core insulation – XLPE insulation
- 3 ■ Sheath – LSZH polyolefin sheath

**Size selection — all available cross-sections**

Cable reference	Charging mode	Current guide	Core / signal layout	Power conductor	Outer sheath	OD guide
EVC Flat Power Bus LSZH EV charging infrastructure bus cable 63 A 5 core flat 16 mm <sup>2</sup>	EV charging infrastructure bus cable	63 A	5 core flat	16 mm <sup>2</sup>	LSZH polyolefin sheath	27 mm
EVC Flat Power Bus LSZH EV charging infrastructure bus cable 80 A 5 core flat 25 mm <sup>2</sup>	EV charging infrastructure bus cable	80 A	5 core flat	25 mm <sup>2</sup>	LSZH polyolefin sheath	30 mm
EVC Flat Power Bus LSZH EV charging infrastructure bus cable 100 A 5 core flat 35 mm <sup>2</sup>	EV charging infrastructure bus cable	100 A	5 core flat	35 mm <sup>2</sup>	LSZH polyolefin sheath	32 mm
EVC Flat Power Bus LSZH EV charging infrastructure bus cable 125 A 5 core flat 50 mm <sup>2</sup>	EV charging infrastructure bus cable	125 A	5 core flat	50 mm <sup>2</sup>	LSZH polyolefin sheath	35 mm