



## MARINE DRIVE CABLE

IEC 60092-353

9 orderable sizes

STANDARD <b>IEC 60092-353</b>	VOLTAGE CLASS <b>0.6/1 kV</b>	CONDUCTOR <b>Class 5 flexible copper conductor</b>
INSULATION / JACKET <b>SHF1 or SHF2 LSZH marine sheath</b>		

### Construction

- 1 ■ Conductor (per core) – Class 5 flexible copper conductor · 276 × Ø0.4 mm · IEC 60228 cl.5
- 2 ■ Core insulation – XLPE or EPR insulation
- 3 ■ Filler – PP filler
- 4 ■ Shield – Braid shield (C)
- 5 ■ Sheath – SHF1 or SHF2 LSZH marine sheath

### Size selection — all available cross-sections

Cable reference	Voltage class	Core / ground design	Power conductor	Max DC resistance at 20 °C	EMC screen	OD guide
Marine LSZH EMC VFD cable 0.6/1 kV 3 x 6 mm <sup>2</sup> + 3 symmetrical grounds x 1.5 mm <sup>2</sup>	0.6/1 kV	3 x 6 mm <sup>2</sup> + 3 symmetrical grounds x 1.5 mm <sup>2</sup>	6 mm <sup>2</sup>	3.30 Ω/km	Foil and tinned copper braid EMC screen	16 mm
Marine LSZH EMC VFD cable 0.6/1 kV 3 x 10 mm <sup>2</sup> + 3 symmetrical grounds x 1.5 mm <sup>2</sup>	0.6/1 kV	3 x 10 mm <sup>2</sup> + 3 symmetrical grounds x 1.5 mm <sup>2</sup>	10 mm <sup>2</sup>	1.91 Ω/km	Foil and tinned copper braid EMC screen	18 mm
Marine LSZH EMC VFD cable 0.6/1 kV 3 x 16 mm <sup>2</sup> + 3 symmetrical grounds x 1.5 mm <sup>2</sup>	0.6/1 kV	3 x 16 mm <sup>2</sup> + 3 symmetrical grounds x 1.5 mm <sup>2</sup>	16 mm <sup>2</sup>	1.21 Ω/km	Foil and tinned copper braid EMC screen	20 mm
Marine LSZH EMC VFD cable 0.6/1 kV 3 x 25 mm <sup>2</sup> + 3 symmetrical grounds x 4 mm <sup>2</sup>	0.6/1 kV	3 x 25 mm <sup>2</sup> + 3 symmetrical grounds x 4 mm <sup>2</sup>	25 mm <sup>2</sup>	0.780 Ω/km	Foil and tinned copper braid EMC screen	23 mm

Cable reference	Voltage class	Core / ground design	Power conductor	Max DC resistance at 20 °C	EMC screen	OD guide
Marine LSZH EMC VFD cable 0.6/1 kV 3 x 35 mm <sup>2</sup> + 3 symmetrical grounds x 4 mm <sup>2</sup>	0.6/1 kV	3 x 35 mm <sup>2</sup> + 3 symmetrical grounds x 4 mm <sup>2</sup>	35 mm <sup>2</sup>	0.554 Ω/km	Foil and tinned copper braid EMC screen	25 mm
Marine LSZH EMC VFD cable 0.6/1 kV 3 x 50 mm <sup>2</sup> + 3 symmetrical grounds x 10 mm <sup>2</sup>	0.6/1 kV	3 x 50 mm <sup>2</sup> + 3 symmetrical grounds x 10 mm <sup>2</sup>	50 mm <sup>2</sup>	0.386 Ω/km	Foil and tinned copper braid EMC screen	28 mm
Marine LSZH EMC VFD cable 0.6/1 kV 3 x 70 mm <sup>2</sup> + 3 symmetrical grounds x 10 mm <sup>2</sup>	0.6/1 kV	3 x 70 mm <sup>2</sup> + 3 symmetrical grounds x 10 mm <sup>2</sup>	70 mm <sup>2</sup>	0.272 Ω/km	Foil and tinned copper braid EMC screen	32 mm
Marine LSZH EMC VFD cable 0.6/1 kV 3 x 95 mm <sup>2</sup> + 3 symmetrical grounds x 16 mm <sup>2</sup>	0.6/1 kV	3 x 95 mm <sup>2</sup> + 3 symmetrical grounds x 16 mm <sup>2</sup>	95 mm <sup>2</sup>	0.206 Ω/km	Foil and tinned copper braid EMC screen	35 mm
Marine LSZH EMC VFD cable 0.6/1 kV 3 x 120 mm <sup>2</sup> + 3 symmetrical grounds x 16 mm <sup>2</sup>	0.6/1 kV	3 x 120 mm <sup>2</sup> + 3 symmetrical grounds x 16 mm <sup>2</sup>	120 mm <sup>2</sup>	0.161 Ω/km	Foil and tinned copper braid EMC screen	38 mm

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