



SHIPBOARD POWER CABLE

IEC 60092-353

48 orderable sizes

STANDARD IEC 60092-353	VOLTAGE CLASS 0.6/1 kV	CONDUCTOR Tinned copper conductor
INSULATION / JACKET SHF1 or SHF2		

Construction

- 1 ■ Conductor (per core) – 1.5 mm² · 7 × Ø0.52 mm · IEC 60228 cl.2
- 2 ■ Core insulation – XLPE or EPR
- 3 ■ Filler – PP filler
- 4 ■ Sheath – SHF1 or SHF2

Size selection — all available cross-sections

Cable reference	Circuit type	Core / pair design	Conductor size	Voltage class	Fire / mud behavior	OD guide
IEC 60092-353 marine power cable Power 0.6/1 kV 1 core 1.5 mm ²	Power	1 core	1.5 mm ²	0.6/1 kV	Flame retardant, low smoke and halogen-free sheath options	18 mm
IEC 60092-353 marine power cable Power 0.6/1 kV 1 core 2.5 mm ²	Power	1 core	2.5 mm ²	0.6/1 kV	Flame retardant, low smoke and halogen-free sheath options	19 mm
IEC 60092-353 marine power cable Power 0.6/1 kV 1 core 4 mm ²	Power	1 core	4 mm ²	0.6/1 kV	Flame retardant, low smoke and halogen-free sheath options	20 mm
IEC 60092-353 marine power cable Power 0.6/1 kV 1 core 6 mm ²	Power	1 core	6 mm ²	0.6/1 kV	Flame retardant, low smoke and halogen-free sheath options	20 mm
IEC 60092-353 marine power cable Power 0.6/1 kV 1 core 10 mm ²	Power	1 core	10 mm ²	0.6/1 kV	Flame retardant, low smoke and halogen-free sheath options	22 mm
IEC 60092-353 marine power cable Power 0.6/1 kV 1 core 16 mm ²	Power	1 core	16 mm ²	0.6/1 kV	Flame retardant, low smoke and halogen-free sheath options	24 mm

Cable reference	Circuit type	Core / pair design	Conductor size	Voltage class	Fire / mud behavior	OD guide
IEC 60092-353 marine power cable Power 0.6/1 kV 1 core 25 mm ²	Power	1 core	25 mm ²	0.6/1 kV	Flame retardant, low smoke and halogen-free sheath options	26 mm
IEC 60092-353 marine power cable Power 0.6/1 kV 1 core 35 mm ²	Power	1 core	35 mm ²	0.6/1 kV	Flame retardant, low smoke and halogen-free sheath options	28 mm
IEC 60092-353 marine power cable Power 0.6/1 kV 1 core 50 mm ²	Power	1 core	50 mm ²	0.6/1 kV	Flame retardant, low smoke and halogen-free sheath options	30 mm
IEC 60092-353 marine power cable Power 0.6/1 kV 1 core 70 mm ²	Power	1 core	70 mm ²	0.6/1 kV	Flame retardant, low smoke and halogen-free sheath options	33 mm
IEC 60092-353 marine power cable Power 0.6/1 kV 1 core 95 mm ²	Power	1 core	95 mm ²	0.6/1 kV	Flame retardant, low smoke and halogen-free sheath options	36 mm
IEC 60092-353 marine power cable Power 0.6/1 kV 1 core 120 mm ²	Power	1 core	120 mm ²	0.6/1 kV	Flame retardant, low smoke and halogen-free sheath options	38 mm
IEC 60092-353 marine power cable Power 0.6/1 kV 2 core 1.5 mm ²	Power	2 core	1.5 mm ²	0.6/1 kV	Flame retardant, low smoke and halogen-free sheath options	19 mm
IEC 60092-353 marine power cable Power 0.6/1 kV 2 core 2.5 mm ²	Power	2 core	2.5 mm ²	0.6/1 kV	Flame retardant, low smoke and halogen-free sheath options	20 mm
IEC 60092-353 marine power cable Power 0.6/1 kV 2 core 4 mm ²	Power	2 core	4 mm ²	0.6/1 kV	Flame retardant, low smoke and halogen-free sheath options	21 mm
IEC 60092-353 marine power cable Power 0.6/1 kV 2 core 6 mm ²	Power	2 core	6 mm ²	0.6/1 kV	Flame retardant, low smoke and halogen-free sheath options	22 mm
IEC 60092-353 marine power cable Power 0.6/1 kV 2 core 10 mm ²	Power	2 core	10 mm ²	0.6/1 kV	Flame retardant, low smoke and halogen-free sheath options	23 mm
IEC 60092-353 marine power cable Power 0.6/1 kV 2 core 16 mm ²	Power	2 core	16 mm ²	0.6/1 kV	Flame retardant, low smoke and halogen-free sheath options	25 mm
IEC 60092-353 marine power cable Power 0.6/1 kV 2 core 25 mm ²	Power	2 core	25 mm ²	0.6/1 kV	Flame retardant, low smoke and halogen-free sheath options	27 mm
IEC 60092-353 marine power cable Power 0.6/1 kV 2 core 35 mm ²	Power	2 core	35 mm ²	0.6/1 kV	Flame retardant, low smoke and halogen-free sheath options	29 mm
IEC 60092-353 marine power cable Power 0.6/1 kV 2 core 50 mm ²	Power	2 core	50 mm ²	0.6/1 kV	Flame retardant, low smoke and halogen-free sheath options	31 mm

Cable reference	Circuit type	Core / pair design	Conductor size	Voltage class	Fire / mud behavior	OD guide
IEC 60092-353 marine power cable Power 0.6/1 kV 2 core 70 mm ²	Power	2 core	70 mm ²	0.6/1 kV	Flame retardant, low smoke and halogen-free sheath options	34 mm
IEC 60092-353 marine power cable Power 0.6/1 kV 2 core 95 mm ²	Power	2 core	95 mm ²	0.6/1 kV	Flame retardant, low smoke and halogen-free sheath options	37 mm
IEC 60092-353 marine power cable Power 0.6/1 kV 2 core 120 mm ²	Power	2 core	120 mm ²	0.6/1 kV	Flame retardant, low smoke and halogen-free sheath options	40 mm
IEC 60092-353 marine power cable Power 0.6/1 kV 3 core 1.5 mm ²	Power	3 core	1.5 mm ²	0.6/1 kV	Flame retardant, low smoke and halogen-free sheath options	20 mm
IEC 60092-353 marine power cable Power 0.6/1 kV 3 core 2.5 mm ²	Power	3 core	2.5 mm ²	0.6/1 kV	Flame retardant, low smoke and halogen-free sheath options	21 mm
IEC 60092-353 marine power cable Power 0.6/1 kV 3 core 4 mm ²	Power	3 core	4 mm ²	0.6/1 kV	Flame retardant, low smoke and halogen-free sheath options	22 mm
IEC 60092-353 marine power cable Power 0.6/1 kV 3 core 6 mm ²	Power	3 core	6 mm ²	0.6/1 kV	Flame retardant, low smoke and halogen-free sheath options	23 mm
IEC 60092-353 marine power cable Power 0.6/1 kV 3 core 10 mm ²	Power	3 core	10 mm ²	0.6/1 kV	Flame retardant, low smoke and halogen-free sheath options	25 mm
IEC 60092-353 marine power cable Power 0.6/1 kV 3 core 16 mm ²	Power	3 core	16 mm ²	0.6/1 kV	Flame retardant, low smoke and halogen-free sheath options	26 mm
IEC 60092-353 marine power cable Power 0.6/1 kV 3 core 25 mm ²	Power	3 core	25 mm ²	0.6/1 kV	Flame retardant, low smoke and halogen-free sheath options	28 mm
IEC 60092-353 marine power cable Power 0.6/1 kV 3 core 35 mm ²	Power	3 core	35 mm ²	0.6/1 kV	Flame retardant, low smoke and halogen-free sheath options	30 mm
IEC 60092-353 marine power cable Power 0.6/1 kV 3 core 50 mm ²	Power	3 core	50 mm ²	0.6/1 kV	Flame retardant, low smoke and halogen-free sheath options	33 mm
IEC 60092-353 marine power cable Power 0.6/1 kV 3 core 70 mm ²	Power	3 core	70 mm ²	0.6/1 kV	Flame retardant, low smoke and halogen-free sheath options	35 mm
IEC 60092-353 marine power cable Power 0.6/1 kV 3 core 95 mm ²	Power	3 core	95 mm ²	0.6/1 kV	Flame retardant, low smoke and halogen-free sheath options	38 mm
IEC 60092-353 marine power cable Power 0.6/1 kV 3 core 120 mm ²	Power	3 core	120 mm ²	0.6/1 kV	Flame retardant, low smoke and halogen-free sheath options	41 mm

Cable reference	Circuit type	Core / pair design	Conductor size	Voltage class	Fire / mud behavior	OD guide
IEC 60092-353 marine power cable Power 0.6/1 kV 4 core 1.5 mm ²	Power	4 core	1.5 mm ²	0.6/1 kV	Flame retardant, low smoke and halogen-free sheath options	22 mm
IEC 60092-353 marine power cable Power 0.6/1 kV 4 core 2.5 mm ²	Power	4 core	2.5 mm ²	0.6/1 kV	Flame retardant, low smoke and halogen-free sheath options	23 mm
IEC 60092-353 marine power cable Power 0.6/1 kV 4 core 4 mm ²	Power	4 core	4 mm ²	0.6/1 kV	Flame retardant, low smoke and halogen-free sheath options	23 mm
IEC 60092-353 marine power cable Power 0.6/1 kV 4 core 6 mm ²	Power	4 core	6 mm ²	0.6/1 kV	Flame retardant, low smoke and halogen-free sheath options	24 mm
IEC 60092-353 marine power cable Power 0.6/1 kV 4 core 10 mm ²	Power	4 core	10 mm ²	0.6/1 kV	Flame retardant, low smoke and halogen-free sheath options	26 mm
IEC 60092-353 marine power cable Power 0.6/1 kV 4 core 16 mm ²	Power	4 core	16 mm ²	0.6/1 kV	Flame retardant, low smoke and halogen-free sheath options	28 mm
IEC 60092-353 marine power cable Power 0.6/1 kV 4 core 25 mm ²	Power	4 core	25 mm ²	0.6/1 kV	Flame retardant, low smoke and halogen-free sheath options	30 mm
IEC 60092-353 marine power cable Power 0.6/1 kV 4 core 35 mm ²	Power	4 core	35 mm ²	0.6/1 kV	Flame retardant, low smoke and halogen-free sheath options	32 mm
IEC 60092-353 marine power cable Power 0.6/1 kV 4 core 50 mm ²	Power	4 core	50 mm ²	0.6/1 kV	Flame retardant, low smoke and halogen-free sheath options	34 mm
IEC 60092-353 marine power cable Power 0.6/1 kV 4 core 70 mm ²	Power	4 core	70 mm ²	0.6/1 kV	Flame retardant, low smoke and halogen-free sheath options	37 mm
IEC 60092-353 marine power cable Power 0.6/1 kV 4 core 95 mm ²	Power	4 core	95 mm ²	0.6/1 kV	Flame retardant, low smoke and halogen-free sheath options	40 mm
IEC 60092-353 marine power cable Power 0.6/1 kV 4 core 120 mm ²	Power	4 core	120 mm ²	0.6/1 kV	Flame retardant, low smoke and halogen-free sheath options	42 mm