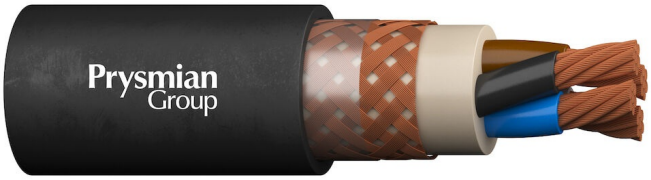
FMGSGO VG95218T62

Halogen-free comm. cables for marine in acc. with VG 95218 part 62



For fixed installation on ships in all locations and on open decks. The definitions for installation in BV 3400 apply.

STANDARDS

VG 95218-62	General
VG 95218-2	Fire performance
VG 95218-2	Chemical behaviour

CABLE DESIGN

Marketing text 1	Copper: plain, round stranded, in accordance with VG 95218 part 62
Core insulation material	Cross-linked LS0H
Screen construction	Braiding
Screen material	Copper, bare
Material outer sheath	Crosslinked polymer

ELECTRICAL & THERMAL PARAMETERS

Test voltage [kV]	2
Max. conductor temperature [°C]	90
Min. Installation temperature [°C]	-15

CHEMICAL PROPERTIES

Halogen free	acc. BS EN 60754-1/2
Low smoke	acc. BS EN 61034-2
Oil resistant	acc. IEC/EN 60811-404
Ozone resistance	Yes

MECHANICAL PARAMETERS

50 N/mm²
5 x OD

CABLE PROPERTIES

Basic construction	External code	Diameter conductor [mm]	Cable diameter (min) [mm]	Cable diameter (max) [mm]	Cable weight [kg/km]
1X2X0,75	FMGSGO 1X2X0,75 (T62)	1.2	6	7.2	70
2X2X0,75	FMGSGO 2X2X0,75 (T62)	1.2	6.7	8	96
4X2X0,75	FMGSGO 4X2X0,75 (T62)	1.2	9.4	11	180
6X2X0,75	FMGSGO 6X2X0,75 (T62)	1.2	10.8	12.5	245
8X2X0,75	FMGSGO 8X2X0,75 (T62)	1.2	11.9	13.6	313
10X2X0,75	FMGSGO 10X2X0,75 (T62)	1.2	13.7	15.4	386
14X2X0,75	FMGSGO 14X2X0,75 (T62)	1.2	14.9	16.7	473
16X2X0,75	FMGSGO 16X2X0,75 (T62)	1.2	16.1	18.1	551

CABLE PROPERTIES ELECTRIC

Basic construction	External code	Current carrying capacity [A]	Short circuit current conductor (1sec) [kA]
1X2X0,75	FMGSGO 1X2X0,75 (T62)	8	0.11
2X2X0,75	FMGSGO 2X2X0,75 (T62)	8	0.11
4X2X0,75	FMGSGO 4X2X0,75 (T62)	6	0.11
6X2X0,75	FMGSGO 6X2X0,75 (T62)	5	0.11
8X2X0,75	FMGSGO 8X2X0,75 (T62)	4	0.11
10X2X0,75	FMGSGO 10X2X0,75 (T62)	4	0.11
14X2X0,75	FMGSGO 14X2X0,75 (T62)	3	0.11
16X2X0,75	FMGSGO 16X2X0,75 (T62)	3	0.11

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