

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

VG 95218-2

VG 95218-2

General

Fire performance

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

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

Copyright Prysmian, all rights reserved. You may not copy, reprint, or reproduce in any form the content, either wholly or in part, of this document without written consent of Prysmian. All sizes and values without tolerances are reference values. Specifications are for product as supplied by Prysmian. Any modification or alteration of products may cause different results. Prysmian reserves the right to amend the information within this document at any time without notice. For the most up to date information, please contact us. You agree that, in placing any order, you have not relied on the information set out in this document. Prysmian disclaims any and all liability for any errors, inaccuracies or incompleteness contained in any datasheet or in any other disclosure relating to any product to the maximum extent permissible by law.