LFMGSSGO VG95218T64

Halogen-free light comm. cables for marine in acc. with VG 95218 p. 64



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

STANDARDS

VG 95218-64	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 64
Core insulation material	Low smoke zero halogen
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]
2X2X0,4	LFMGSSGO 2X2X0,4 (T64)	0.85	5.8	7	85
4X2X0,4	LFMGSSGO 4X2X0,4 (T64)	0.85	7.7	9	130
7X2X0,4	LFMGSSGO 7X2X0,4 (T64)	0.85	9.4	11	210
12X2X0,4	LFMGSSGO 4X2X0,4 (T64)	0.85	12.8	14.5	320
19X2X0,4	LFMGSSGO 19X2X0,4 (T64)	0.85	13.8	15.7	420
27X2X0,4	LFMGSSGO 19X2X0,4 (T64)	0.85	15.5	17.5	511

CABLE PROPERTIES ELECTRIC

Basic construction	External code	Current carrying capacity [A]	Short circuit current conductor (1sec) [kA]
2X2X0,4	LFMGSSGO 2X2X0,4 (T64)	5.1	0.06
4X2X0,4	LFMGSSGO 4X2X0,4 (T64)	4	0.06
7X2X0,4	LFMGSSGO 7X2X0,4 (T64)	3.3	0.06
12X2X0,4	LFMGSSGO 4X2X0,4 (T64)	2.7	0.06
19X2X0,4	LFMGSSGO 19X2X0,4 (T64)	2.3	0.06
27X2X0,4	LFMGSSGO 19X2X0,4 (T64)	2.1	0.06

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