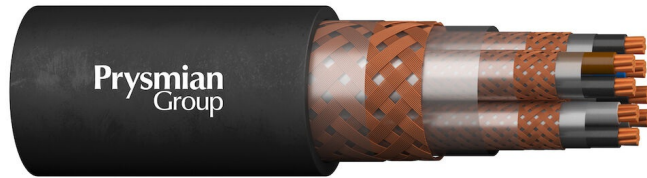


LFMSGSGO VG95218T65

Halogen-free light comm. cables for marine in acc. with VG 95218 p. 65



For fixed installation on ships in all locations and on open decks. The definitions for installation in BV 3400 apply. The cables are certified from the Bundesamt für Ausrüstung, Informationstechnik und Nutzung der Bundeswehr (BAAINBw).

STANDARDS / APPROVALS



VG 95218-65	General
VG 95218-2	Fire performance
VG 95218-2	Chemical behaviour

CABLE DESIGN

Conductor	Copper: plain, round stranded, in accordance with VG 95218 part 65
Core insulation material	Low smoke zero halogen
Screen construction	Braiding
Screen material	Copper, bare
Material outer sheath	Crosslinked polymer

ELECTRICAL PARAMETERS

Nominal voltage U ₀ [V]	250
Nominal voltage U [V]	250
Test voltage [kV]	2

THERMAL PARAMETERS

Max. conductor temperature [°C]	90
Laying temperature (min) [°C]	-15

CHEMICAL PARAMETERS

Flame retardant	In accordance with EN/IEC 60332-1-2
-	In accordance with EN/IEC 60332-1-24
Low smoke	acc. IEC/EN 61034-2
Halogen free	acc. IEC/EN 60754-1/2
Oil resistant	acc. IEC/EN 60811-404
Ozone resistance	Yes

MECHANICAL PARAMETERS

Permanent tensile strength (rule)	50 N/mm ²
Bending radius (rule)	5 x OD

CABLE PROPERTIES

Basic construction	SAP code	External code	Diameter conductor [mm]	Cable diameter (min) [mm]	Cable diameter (max) [mm]	Cable weight [kg/km]
2X2X0,4	20320761	T065A001	0.85	9.3	10.5	140
4X2X0,4	20320762	T065A002	0.85	10	11.5	200
7X2X0,4	20320763	T065A003	0.85	12	13.7	260
12X2X0,4	20320764	T065A004	0.85	15.5	17	430
19X2X0,4	20320765	T065A005	0.85	18.4	20.4	610
27X2X0,4	20320766	T065A006	0.85	22.5	24.5	1,010

CABLE PROPERTIES ELECTRIC

Basic construction	SAP code	External code	Current carrying capacity [A]	Short circuit current conductor (1sec) [kA]
2X2X0,4	20320761	T065A001	5.1	0.06
4X2X0,4	20320762	T065A002	4	0.06
7X2X0,4	20320763	T065A003	3.3	0.06
12X2X0,4	20320764	T065A004	2.7	0.06
19X2X0,4	20320765	T065A005	2.3	0.06
27X2X0,4	20320766	T065A006	2.1	0.06

The values of current carrying capacity are for continuous load at 45 °C ambient temperature, one cable installed on a surface.