

MGGO VG95218T60

Halogen-free power cables for marine in acc. with VG 95218 part 60



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

STANDARDS







VG 95218-60 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 60

Core insulation material Cross-linked LSOH
Material outer sheath Crosslinked polymer

ELECTRICAL & THERMAL PARAMETERS

Rated voltage U0/U (Um)

Test voltage [kV]

Max. operation temperature at conductor [°C]

Max. conductor temperature [°C]

Max. conductor temperature at short circuit [°C]

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 Ye

MECHANICAL PARAMETERS



CABLE PROPERTIES

Basic construction	External code	Diameter conductor [mm]	Cable diameter (min) [mm]	Cable diameter (max) [mm]	Cable weight [kg/km]
1X25	MGGO 1X25 (T60)	6.6	10.7	12.4	326
1X50	MGGO 1X50 (T60)	16.2	13.2	14.9	552
1X185F	MGGO-RF 1X185 (T60)	18.1	24.7	26.2	1,969

CABLE PROPERTIES ELECTRIC

Basic construction	External code	Current carrying capacity [A]	Short circuit current conductor (Isec) [kA]
1X25	MGGO 1X25 (T60)	150	3.58
1X50	MGGO 1X50 (T60)	225	7.15
1X185F	MGGO-RF 1X185 (T60)	520	26.5