VG 95218 Part 62 (FMGSGO)

HALOGEN FREE, FLAME RETARDANT TELECOM CABLE

CABLE STRUCTURE

Conductor	Electrolytic, stranded, copper wire to DIN EN 60228 Class 2
Insulation	Halogen free cross linked polymeric compound
Core Identification	According to VG 95218 part 62
Covering of Cores	Halogen free compound or binder tape
Screen	Copper wire braiding screen with separating foil over braid
Outer Sheath	Halogen free, cross-linked elastomeric compound.

STANDARDS & MAIN CHARACTERISTICS

Construction	VG 95218 Part 62
Max Permissible Operating Voltage	AC 250V / DC 355V
AC Test Voltage	2 kV
Working Temperature	-30˚C / + 90˚C
Min Bending Radius (Fixed)	5xD
General Requirements and Tests	VG 95218-2
Current Ratings	VG 95218-5
Flame Retardant	IEC 60332 /1, IEC 60332 / 3-24 Cat. C
Halogen Content	IEC 60754 / 1 - 2
Smoke Density	IEC 61034 / 1-2 (DIN EN 50268/1-2)

Lowest installation temperature: -15˚C

Application
Used as fixed installation cable in telecommunication, signal, radio, radar and information systems in most areas, below and above deck on Navy vessels. They are not designed for continuous installation in water. Comply the general requirements of BV 3400 (Specification for Cable Systems of German Navy Vessels

VG 95218 Part 62 (FMGSGO)

Designation as per VG95218 Part.62 Dash No	Cores x size	Number of the single wires (min)	Wall thickness of insulation nominal	Wall thickness of sheath	Outer Diameter (min- max.)		Cable Weight Approx.	Min. Bending Radius Fixed Installed	Conductor resistance at (20°C) (max)	Insulation resistance (20°C) (min)
	No. x mm²		mm	mm	mm	mm	kg/km	mm	(Ω/km)	(MΩ·km)
A008	1x2x0,75	7	0,4	0,8	6,0	7,2	62	36	53,2	800
A001	2x2x0,75	7	0,4	0,8	6,7	8,0	97	40	53,2	800
A002	4x2x0,75	7	0,4	1,0	9,6	11,2	190	56	53,2	800
A003	6x2x0,75	7	0,4	1,0	10,8	12,5	230	63	53,2	800
A004	8x2x0,75	7	0,4	1,0	11,9	13,6	300	68	53,2	800
A005	10x2x0,75	7	0,4	1,0	13,7	15,4	335	77	53,2	800
A006	14x2x0,75	7	0,4	1,0	14,9	16,7	450	84	53,2	800
A007	16x2x0,75	7	0,4	1,0	16,1	18,1	505	91	53,2	800