



MGH

Application

- Fixed installations in marine vehicles
- Installation beneath the first metal deck level

Product Construction

- Conductor : Electrolytic, stranded, annealed copper wire.
IEC 60228 Class 2 (Class 5 / tinned on request)
- Insulation : HEPR (Halogen free)
- Inner Sheath : Halogen free compound
- Outer Sheath : Halogen free, flame retardant, thermoset, polyolefin based jacket compound (Black or Grey)

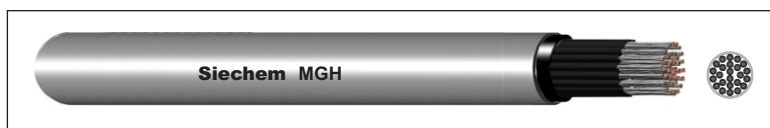
Technical Data

- Temperature Range : - 40°C to +120°C
- Rated Voltage (U₀/U) : 0.6/1kV
- Insulation Resistance : 1400 MOhms x km
- Test Voltage : 3.5 kV
- Bending Radius(Min) : 6 x Cable Diameter
- Short-circuit temp. (max.) : 280°C

Features

- Flame retardant : IEC - 60332-3 (Cat A)
- Tests & Materials : IEC - 60092/350-351-359
- Halogen free : IEC 60754 / 1-2
- Electron Beam Cross Linked
- Smoke Density : IEC 61034 / 1-2 (DIN EN 50268/1-2)
- Oil resistant

ISO 9001	ISO 14001	AS 9100	ISO 45001	CE



Part Number	Number of Cores and mm ² Per Conductor	Outer Diameter in mm approx.	Copper Index Kg/Km	Total Weight Kg/Km approx.
302 13 XX*	1 x 1.5	4.5	9	90
302 16 XX	1 x 2.5	5.0	19	100
302 19 XX	1 x 4	6.0	33	110
302 23 XX	1 x 6	7.5	53	140
302 27 XX	1 x 10	8.5	91	180
302 28 XX	1 x 16	9.5	149	250
302 30 XX	1 x 25	11.0	235	350
302 32 XX	1 x 35	12.0	331	450
302 34 XX	1 x 50	13.5	475	590
302 37 XX	1 x 70	15.5	667	840
302 38 XX	1 x 95	17.5	907	1090
302 41 XX	1 x 120	19.5	1147	1350
302 42 XX	1 x 150	21.5	1435	1650
302 44 XX	1 x 185	23.5	1771	2020
302 46 XX	1 x 240	26.5	2299	2620
302 48 XX	1 x 300	29.5	2875	3260
302 13 02	2 x 1.5	10.0	24	160
302 16 02	2 x 2.5	11.0	43	200
302 19 02	2 x 4	12.0	72	250
302 23 02	2 x 6	13.0	110	310
302 27 02	2 x 10	15.5	187	440
302 28 02	2 x 16	17.5	302	620
302 30 02	2 x 25	21.0	475	910
302 13 03	3 x 1.5	10.5	38	190
302 16 03	3 x 2.5	11.5	67	240
302 19 03	3 x 4	12.5	110	300
302 23 03	3 x 6	14.0	168	380
302 27 03	3 x 10	16.5	283	540
302 28 03	3 x 16	18.5	456	780
302 30 03	3 x 25	22.0	715	1160
302 32 03	3 x 35	24.5	1003	1530



Part Number	Number of Cores and mm ² Per Conductor	Outer Diameter in mm approx.	Copper Index Kg/Km	Total Weight Kg/Km approx.
302 34 03	3 x 50	28.0	1435	2000
302 37 03	3 x 70	33.0	2011	2830
302 38 03	3 x 95	37.0	2731	3740
302 41 03	3 x 120	41.0	3451	4640
302 13 04	4 x 1.5	11.0	53	230
302 16 04	4 x 2.5	12.0	91	280
302 19 04	4 x 4	13.5	149	360
302 23 04	4 x 6	15.5	225	470
302 27 04	4 x 10	18.0	379	690
302 28 04	4 x 16	21.0	609	980
302 30 04	4 x 25	24.5	955	1490
302 32 04	4 x 35	27.0	1339	1950
302 34 04	4 x 50	31.0	1915	2550
302 37 04	4 x 70	36.5	2683	3590
302 38 04	4 x 95	41.0	3643	4790
302 13 05	5 x 1.5	12.0	67	260
302 13 07	7 x 1.5	13.0	96	320
302 13 10	10 x 1.5	15.5	139	390
302 13 12	12 x 1.5	16.0	168	440
302 13 14	14 x 1.5	17.0	197	500
302 13 16	16 x 1.5	18.0	225	560
302 13 19	19 x 1.5	19.5	269	640
302 13 24	24 x 1.5	22.0	341	790

Note : XX* : Please add last two digits in the part number as per the colour code given hereunder replacing XX while ordering.

Red - 01	Yellow - 02	Blue - 03	Black - 04	Green - 05	Yellow-Green - 06	Grey - 07	Brown - 08	White - 09	Orange - 10	Violet - 11
Chocolate - 12	Tan - 13	Charcoal - 14	LT Blue - 15	DK Grey - 16	LT Green - 17	DK Green - 18	DK Blue - 19	Purple - 20	Pink - 21	

