



FMGCH

Application

- Used as Control and Communication cables in radio, radar & information systems of marine vehicles
- Minimizes radio interferences and electrical influences
- For use in above and below decks

Features

- Flame retardant : IEC - 60332-3 (Cat A)
- Tests & Materials : IEC - 60092/375
- Halogen free : IEC 60754 / 1-2
- Electron Beam Cross Linked
- Smoke Density : IEC 61034/1-2
- Gases corrosivity : IEC 60754-2
- Gases toxicity : No toxicity to IEC 60754-1
- Oil resistant

Product Construction

- Conductor : Electrolytic, stranded, annealed copper wire.
IEC 60228 Class 2 (Class 5 / tinned on request)
- Insulation : HEPR (Halogen free)
- Layup : Cores laid up in pairs, pairs laid up concentrically
- Separator : Glass Mica Tape
- Screen : Electrolytic copper braided screen(90% coverage)
- Separator : Glass Mica Tape
- Outer Sheath : Halogen free, flame retardant, thermoset, polyolefin based jacket compound (Green)

Technical Data

- Temperature Range : - 40°C to +120°C
- Rated Voltage (U₀/U) : 250 V
- Test Voltage : 1.5 kV
- Bending Radius(Min) : 8 x Cable Diameter
- Max. Conductor Temp. in Service : 85°C
- Short-circuit temp (max) : 280°C

ISO 9001	ISO 14001	AS 9100	ISO 45001	CE
IRS	REACH	RoHS	Lloyd's Register	ABS



Part Number	Number of Cores and mm ² Per Conductor	Outer Diameter in mm approx.	Copper Index Kg/Km	Total Weight Kg/Km approx.
306 08 01	1 x 2 x 0.75	8.5	57	120
306 08 02	2 x 2 x 0.75	9.0	82	160
306 08 04	4 x 2 x 0.75	13.0	148	260
306 08 07	7 x 2 x 0.75	15.5	225	370
306 08 10	10 x 2 x 0.75	18.5	314	500
306 08 14	14 x 2 x 0.75	21.0	440	640
306 08 19	19 x 2 x 0.75	24.0	520	800
306 08 24	24 x 2 x 0.75	27.0	658	980

