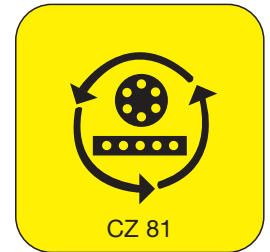
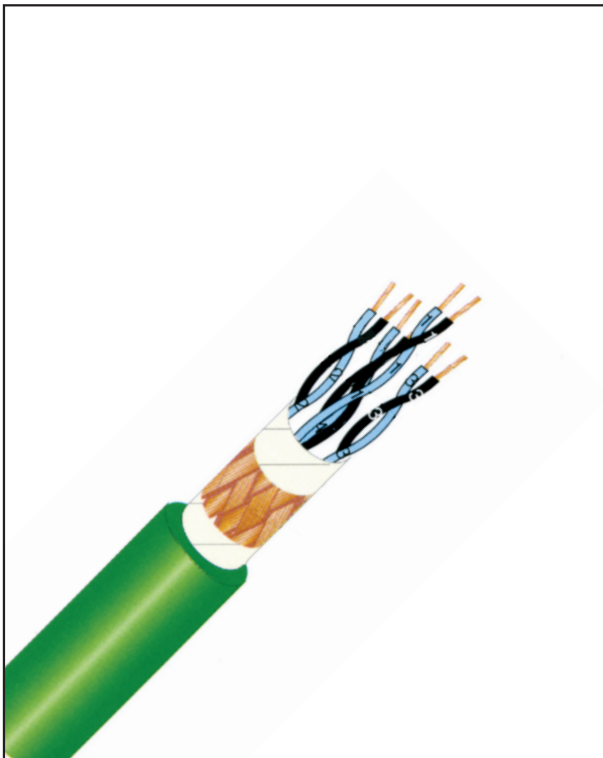


TELECOM SHIP CABLE – FMKHC*

NON FLEXIBLE CABLES FOR SHIPS TO VDE & IEC SPECIFICATIONS, HALOGEN FREE 250V



FOR HIGH MECHANICAL STRESS AND FIRE RETARDANCY



CONSTRUCTION

Conductors of copper, Class 2 stranded – XLPE insulation – cores twisted in pairs (cables with 2 pairs twisted to a star quad) – pairs laid up in concentric layers – common core covering – separating foils – bare copper wire screen – separating foils – outer sheath of polyolefin compound, green or black.

Please Note: Telecom – Ship cables from Powermite are available in a variety of sheath qualities with halogen free and improved fire characteristics, single and double screens and high cross talk attenuation in light and heavier duty designs, all to recognised classification societies.

CORE IDENTIFICATION

All cores are clack/blue with imprinted numbers starting with 1 at the innermost and going through all layers in the same directions. Pairs have the same number.

APPLICATION:

FMKHC cables are suitable for fixed installation on board ships, barges, pontoons or offshore platforms at all levels and on top of deck for measuring, control and regulating equipment i.e. radio, telecommunication and navigation hardware.

If Powermite Ship/Naval cable is installed together with other makes of cable, please ensure insulation material compatibility.

* FMGCH cables are also halogen free and low smoke designed. Outer sheath polyolefine.*

TECHNICAL DATA

1. Max. rated voltage for 0,75 mm ²	:	250 V	4. Conductor Resistance :	to VDE 0295, Class 2
2. Max. operating temp. on conductor	:	+ 85 °C	5. Approvals	: to ABS, BV, GL, LR, DNV & RSU
2.1 Min. operating temp. after installation	:	- 30 °C	6. Min. bending radius	: 6 x cable O.D.
2.2 Lowest installation temperature	:	- 5 °C	7. Marking	: white print to IEC 60092-375

No. of cores and rated cross section	max. diameter of conductor	max. outer dimension	weight approx.
mm ²	mm	mm	kg/m
FMKHC – 250 V			
1 x 2 x 0,75	1,2	8,5	0,095
2 x 2 x 0,75	1,2	10,5	0,14
4 x 2 x 0,75	1,2	15,0	0,23
7 x 2 x 0,75	1,2	18,0	0,325
10 x 2 x 0,75	1,2	21,5	0,46
14 x 2 x 0,75	1,2	24,0	0,61
19 x 2 x 0,75	1,2	27,0	0,70
24 x 2 x 0,75	1,2	30,5	0,92

NOTE: For Power cable up to 15kV and Control cable in the 1kV voltage range - see pages 41 + 42

Sizes, cores and designs not stated are available on request, i.e. FMGCH-F, FMGCG etc.

Above sizes may require minimum quantities
All quoted data is approximate and not binding