

## GAALSHIP® MEDIUM MHF VFD

1,8/3 kV, armoured and screened medium voltage VFD power cable, three cores



ELETTROTEK KABEL® GAALSHIP® MEDIUM MHF VFD

### Applications:

Multi-cores, medium voltage VFD power cables for fixed electrical installations aboard ships, not subject to mechanical risk complying with IEC 60092-352

### Type Approvals/Certificates:

Available on request

### Construction:

- Conductor:** Flexible plain annealed copper conductor cl.5 acc.to IEC 60228
- Insulation:** XLPE halogen-free compound acc. to IEC 60092-360
- Cores color:** acc. to DIN VDE 0293-308, HD 308 S2  
3 conductors + 3 earth conductors:  
grey, brown, black and green/yellow  
divided in interstices
- Inner sheath:** Halogen-free compound
- Armouring:** Plain annealed copper braid  
acc. to IEC 60092-350
- Screen:** Plain annealed copper tape
- Outer sheath:** black (RAL 9004),  
halogen-free compound type SHF1  
acc. to IEC 60092-360
- Marking:** ELETTROTEK KABEL® GAALSHIP®  
MEDIUM MHF VFD,  
cross nominal section sqmm,  
1,8/3 kV, part n°, IEC 60092-353,  
IEC 60332-3-22, batch n°,  
production date, CE RoHS,  
progressive meter marking.

### Resistance:



**Flame and fire retardant acc. to:**  
IEC 60332-1-2,  
IEC 60332-3-22



**Halogen free acc. to:**  
IEC 60754-1/2



**Low smoke density acc. to:**  
IEC 61034-1/2

### Technical data:

- Nominal voltage:** 1,8/3 kV
- Temperature range:**
- Fixed installation:* - 40°C up to +90°C
- Min. bending radius:** 6 x D

### Features:

- Sheathing and insulating materials acc. to IEC 60092-360
- Design guidelines acc. to: IEC 60092-353
- Choice and installation of electric cables acc. to: IEC 60092-352
- Cold bend test at low temperatures  
acc. to CSA C22.2 No. 0.3-09 (-40°C)
- Cold bend impact at low temperatures  
acc. to CSA C22.2 No. 0.3-09 (-35°C)

Part no.	No. of cores x cross section n x mm <sup>2</sup>	Outer-Ø ca.mm ± 10%	Cable weight approx. kg/km	Max. resistance of conductors at 20°C (Ohm/km)	Current rating in open air at 45°C (A)
13030K72037M69	3x150+3x25	50,8	6615	0,129 - 0,78	272

Other dimensions and colors available on request.