

### LKSM-FRHF-WJR 0.6/1 kV



Fire-resistant, Water Spray and Water Jet Resistant armoured power and control cable. Specially designed to meet the concepts of Orderly Evacuation (3h burning time) and SRtP.

**REFERENCE STANDARD** IEC 60092-353  
**FIRE PERFORMANCE** IEC 60332-1-2, IEC 60332-3-22  
**FIRE-AND WATER SPRAY / WATER JET RESISTANT** IEC 60331-2 + EN 50200 / IEC 60331-1 + BS 8491  
**MARINE TYPE APPROVALS** ABS, BV, CCS, CRS, DNV, KR, LR and RINA

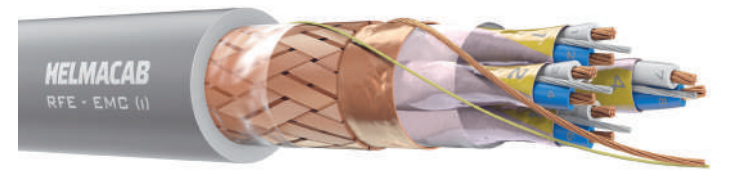
### LKSM-VFD 1.8/ 3 kV



Armoured power cable. Specially designed cables to meet requirements for Variable Frequency Drivers (VFD). Suitable for voltage peaks up to 3 kV.

**REFERENCE STANDARD** IEC 60092-353  
**FIRE PERFORMANCE** IEC 60332-1-2, IEC 60332-3-22  
**HALOGEN-FREE** IEC 60754 series  
**MARINE TYPE APPROVALS** ABS, BV, CCS, CRS, DNV, KR, LR and RINA

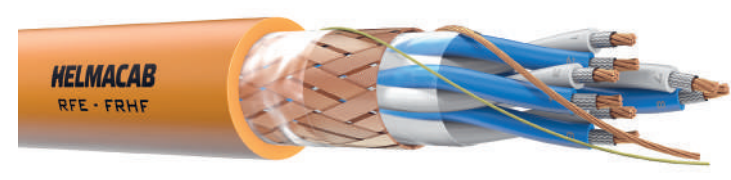
### RFE-EMC(i) 250 V



Armoured and individually screened pair instrumentation and communication cable. Specially designed cables to address EMI/EMC problems.

**REFERENCE STANDARD** IEC 60092-376  
**FIRE PERFORMANCE** IEC 60332-1-2, IEC 60332-3-22  
**HALOGEN-FREE** IEC 60754 series  
**MARINE TYPE APPROVALS** ABS, CRS, DNV, LR and RINA

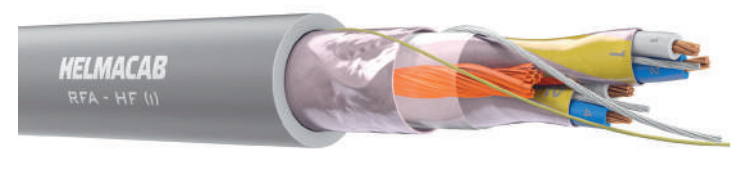
### RFE-FRHF 250 V



Fire-resistant armoured pair instrumentation and communication cable. For fixed installation in most areas, and on open deck in ships and offshore units.

**REFERENCE STANDARD** IEC 60092-376  
**FIRE PERFORMANCE** IEC 60332-1-2, IEC 60332-3-22  
**FIRE-RESISTANT** IEC 60331-1/ IEC 60331-2  
**HALOGEN-FREE** IEC 60754 series  
**MARINE TYPE APPROVALS** ABS, BV, CCS, CRS, DNV, KR, LR and RINA

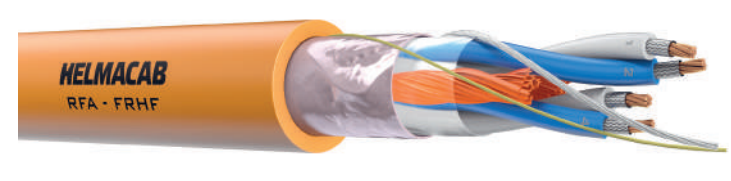
### RFA-HF(i) 250 V



Collectively and individually screened pair instrumentation and communication cable. Especially for installations where lightweight cables are needed.

**REFERENCE STANDARD** IEC 60092-376  
**FIRE PERFORMANCE** IEC 60332-1-2, IEC 60332-3-22  
**HALOGEN-FREE** IEC 60754 series  
**MARINE TYPE APPROVALS** ABS, BV, CCS, CRS, DNV, KR, LR and RINA

### RFA-FRHF 250 V



Fire-resistant screened pair instrumentation and communication cable. Especially for installations where lightweight cables are needed.

**REFERENCE STANDARD** IEC 60092-376  
**FIRE PERFORMANCE** IEC 60332-1-2, IEC 60332-3-22  
**FIRE-RESISTANT** IEC 60331-1/ IEC 60331-2  
**HALOGEN-FREE** IEC 60754 series  
**MARINE TYPE APPROVALS** ABS, BV, CCS, CRS, DNV, KR, LR and RINA

helmacab.com  
customer.care@helmacab.com

**HELMACAB**  
A WORLD OF CONNECTIONS

## HELMACAB MARINE

helmacab.com

## LOOKING FOR THAT SOMETHING SPECIAL?



### LKSM-BWTS 1.8/3 kV

Armoured power cable. Designed to meet the requirements for high voltage UV-lamps for Ballast Water Treatment Systems.

**MARINE TYPE APPROVALS** DNV

### ASK OUR SALES TEAM FOR MORE INFORMATION!

customer.care@helmacab.com  
+358 2 410 8700

helmacab.com

### WHY NOT PERUSE OUR MARINE CABLE CATALOGUES?



### PROFINET CAT5e S/FTQ 4X22/7 AWG

Halogen-free ethernet cable for marine applications. Suitable for all PROFINet systems up to 100 Mbit.

**REFERENCE STANDARD** IEC 61158-2



Helmacab Marine Cables



Helmacab H-FLEX Cables

## DID YOU KNOW?

Effective from September 2024 Helkama Bica has officially changed its name to **HELMACAB**, to better reflect the new business and mark the beginning of the next chapter of our story. This change opens an even bigger playing field for growth and opportunities for the expanding business we have been successfully running.

### A REEL BY ANY OTHER NAME would roll as sweet

While our old name undeniably remains as part of our history, we're excited to build our future as Helmacab. We think our new name already has a familiar feel to it. After all it's just like us - hardworking, humble, and here to set the bar just that little bit higher.

The superior service and products, exquisite quality and highest level of customer service our customers have grown accustomed to will still remain a guarantee, and the Helkama name will stay on all products under a license agreement for a period of time.

### ONE-STOP-SHOP to shop 'til you drop

We have been known as the preferred partner for Marine cabling. With over 60 years of cabling experience under our belt, we have always been customer oriented and set out to be the expert in marine cabling. This new and exciting step helps us fulfill our vision to provide even more customized service solutions to all our customers.

We will truly be the one-stop-shop for all cabling needs in the marine sector. From product design ingenuity and extensible cable range to custom labelling and logistics services - all under one roof. Ours.



**HELMACAB**  
A WORLD OF CONNECTIONS

## HELMACAB MARINE

2025

We're the

# REEL DEAL

## WANT TO TALK CABLES?

We are one of the major marine cable producers in the world. How did we get there?

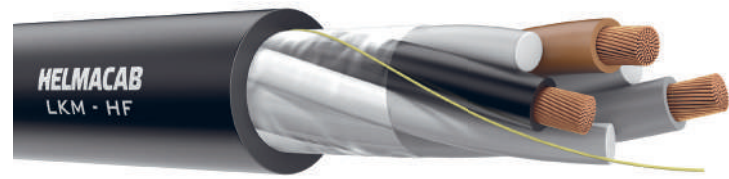
As a company, we are just the right size: small enough to care, big enough to dare. As a team, we believe that good things come to those who connect. With us. Whether you're looking for cables for your exquisite new marine vessel, outstanding offshore wind farm, or top-secret underwater lair, we've got you covered.

Our cables are just like us - flexible, top quality and will remain reliable even when things heat up.



**HELMACAB**  
A WORLD OF CONNECTIONS

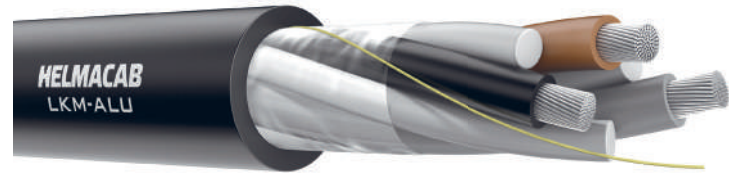
### LKM-HF 0.6/1 kV



Unarmoured power and control cable. For fixed installation in most areas, and on open deck in ships and offshore units.

**REFERENCE STANDARD** IEC 60092-353  
**FIRE PERFORMANCE** IEC 60332-1-2, IEC 60332-3-22  
**HALOGEN-FREE** IEC 60754 series  
**MARINE TYPE APPROVALS** ABS, BV, CCS, CRS, DNV, KR, LR and RINA

### LKM-ALU 0.6/1 kV



Unarmoured power and control cable with aluminium conductors for weight reduction and fuel efficiency on a marine vessel.

**REFERENCE STANDARD** IEC 60092-353  
**FIRE PERFORMANCE** IEC 60332-1-2, IEC 60332-3-22  
**HALOGEN-FREE** IEC 60754 series  
**MARINE TYPE APPROVALS** ABS, BV, CCS, CRS, DNV, KR, LR and RINA

### LKM-FRHF 0.6/1 kV



Fire-resistant, Unarmoured power and control cable. For fixed installation in most areas, and on open deck in ships and offshore units.

**REFERENCE STANDARD** IEC 60092-353  
**FIRE PERFORMANCE** IEC 60332-1-2, IEC 60332-3-22  
**FIRE-RESISTANT** IEC 60331-1/ IEC 60331-2  
**HALOGEN-FREE** IEC 60754 series  
**MARINE TYPE APPROVALS** ABS, BV, CCS, CRS, DNV, KR, LR and RINA

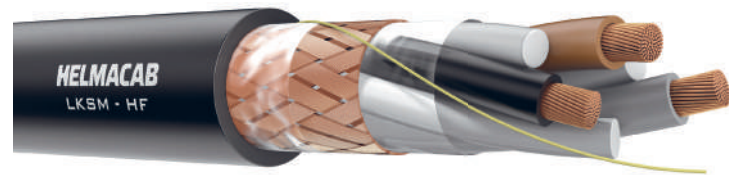
### LKMM-HF 0.6/1 kV



Unarmoured power cable with extruded filler. For fixed installation in most areas, and on open deck in ships and offshore units.

**REFERENCE STANDARD** IEC 60092-353  
**FIRE PERFORMANCE** IEC 60332-1-2, IEC 60332-3-22  
**HALOGEN-FREE** IEC 60754 series  
**MARINE TYPE APPROVALS** ABS, BV, CCS, CRS, DNV, KR, LR and RINA

### LKSM-HF 0.6/1 kV



Armoured power and control cable. Designed to be used in areas demanding high mechanical and electromagnetic protection.

**REFERENCE STANDARD** IEC 60092-353  
**FIRE PERFORMANCE** IEC 60332-1-2, IEC 60332-3-22  
**HALOGEN-FREE** IEC 60754 series  
**MARINE TYPE APPROVALS** ABS, BV, CCS, CRS, DNV, KR, LR and RINA

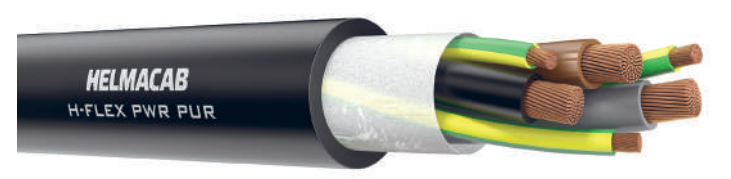
### LKSM-EMC-FRHF 0.6/1 kV



Fire-resistant, Armoured power and control cable. Specially designed cables with screen for improved screening properties to address EMI/EMC problems.

**REFERENCE STANDARD** IEC 60092-353  
**FIRE PERFORMANCE** IEC 60332-1-2, IEC 60332-3-22  
**FIRE-RESISTANT** IEC 60331-1/ IEC 60331-2  
**HALOGEN-FREE** IEC 60754 series  
**MARINE TYPE APPROVALS** ABS, BV, CCS, CRS, DNV, KR, LR and RINA

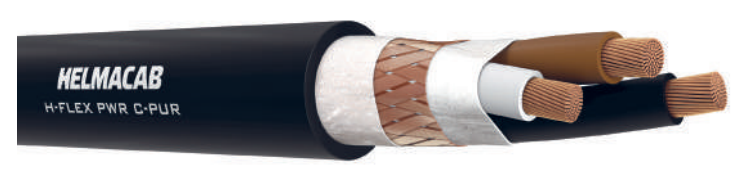
### H-FLEX PWR PUR 0.6/1 kV



Unscreened power and control cable. For flexible, portable and movable applications. Can be submersed into water. Resistant to UV, abrasion, chemicals, oil, and mud (acc. to NEK606).

**MECHANICAL FLEX TEST** EN 50396, cond. acc. to EN 50525  
**OIL RESISTANT** EN 60811-404, cond. acc. to EN 50363-10-2  
**MARINE TYPE APPROVALS** ABS, BV, and DNV

### H-FLEX PWR C-PUR 0.6/1 kV



Screened power and control cable. For flexible, portable and movable applications. Can be submersed into water. Resistant to UV, abrasion, chemicals, oil, and mud (acc. to NEK606).

**MECHANICAL FLEX TEST** EN 50396, cond. acc. to EN 50525  
**OIL RESISTANT** EN 60811-404, cond. acc. to EN 50363-10-2  
**MARINE TYPE APPROVALS** ABS, BV, and DNV

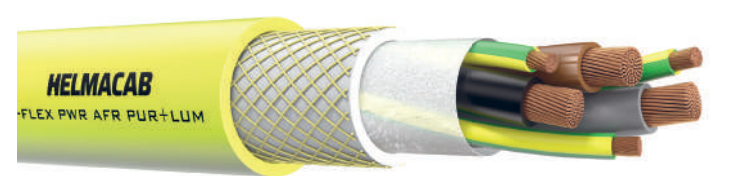
### H-FLEX INS PUR 150/250 V (300 V)



Unscreened instrumentation and control cable. For flexible, portable and movable applications. Can be submersed into water. Resistant to UV, abrasion, chemicals, oil, and mud (acc. to NEK606).

**MECHANICAL FLEX TEST** EN 50396, cond. acc. to EN 50525  
**OIL RESISTANT** EN 60811-404, cond. acc. to EN 50363-10-2  
**MARINE TYPE APPROVALS** ABS, BV, and DNV

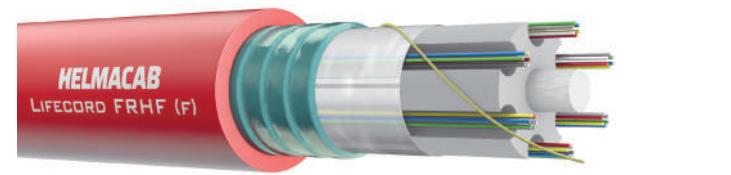
### H-FLEX PWR AFR PUR + LUM 0.6/1 kV



Unscreened power and control cable with aramid braiding. For flexible, portable and movable applications. Can be submersed into water. Resistant to UV, abrasion, chemicals, oil, and mud (acc. to NEK606).

**LONG. REINFORCEMENT** Braided aramid yarns  
**MECHANICAL FLEX TEST** EN 50396, cond. acc. to EN 50525  
**OIL RESISTANT** EN 60811-404, cond. acc. to EN 50363-10-2  
**MARINE TYPE APPROVALS** ABS, BV, and DNV

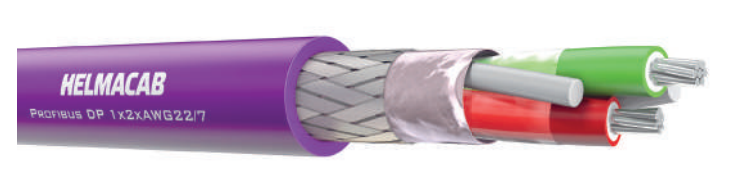
### LifeCord-FRHF (f)



Fire-resistant optical fiber cable for indoor applications, where the cable has to maintain its functionality during fire.

**OPTICAL FIBERS** 250 µm  
**PP-SLOTTED CORE** Ø 8.0 mm  
**FIRE PERFORMANCE** IEC 60332-1-2, IEC 60332-3-22  
**FIRE-RESISTANT** IEC 60331-25 (180 min)  
**MARINE TYPE APPROVALS** BV, DNV, RINA

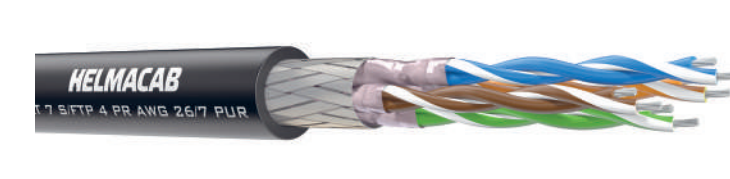
### Profibus DP 1x2xAWG 22/7 -HF



Automation cable for industrial fieldbus fast-connect-type systems, particularly developed for process applications and field communication in cell networks.

**MARINE TYPE APPROVALS** DNV, LR and RINA

### CAT 7 S/FTP 4 PR AWG 26/7 PUR

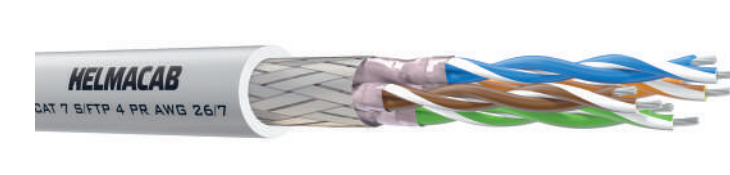


PUR sheath material is resistant to abrasion, has good mechanical characteristics and high tensile strength. Resistant to UV, oil, chemicals and other fluids. Mud resistant according to NEK606.

**MAX SPEED** 10 Gbps at 30-50 m length  
**MAX BANDWIDTH** 600 MHz

**MARINE TYPE APPROVALS** DNV

### CAT 7 S/FTP 4 PR AWG 26/7

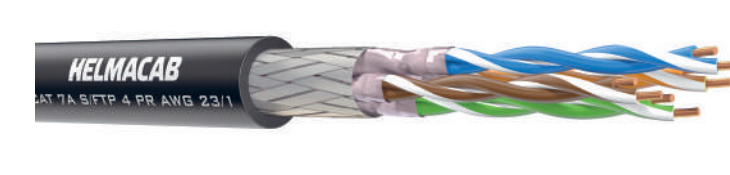


Aimed at media applications where transmission of frequencies up to 600 MHz is required.

**MAX SPEED** 10 Gbps at 30-50 m length  
**MAX BANDWIDTH** 600 MHz

**MARINE TYPE APPROVALS** DNV, LR and RINA

### CAT 7A 1500 S/FTP 4 PR AWG 23/1



Aimed at media applications where transmission of frequencies up to 1500 MHz is required.

**MAX SPEED** 10 Gbps at 100 m length  
**MAX BANDWIDTH** 1500 MHz

**REFERENCE STANDARD** IEC 61156-6

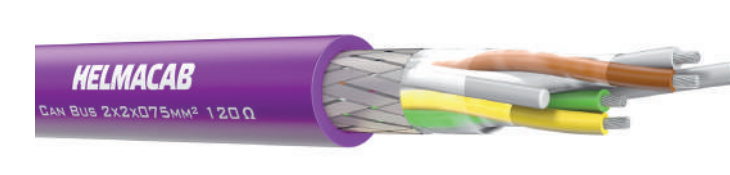
### CAT 6 FR S/FTP 4 PR AWG 23/1



Fire-resistant CAT 6 cable, cable design and structure complies with circuit integrity performance during a fire (IEC 60331-23 and IEC 60331-2).

**MAX SPEED** 1 Gbps at 100 m length  
**MAX BANDWIDTH** 250 MHz  
**FIRE PERFORMANCE** IEC 60332-1-2, IEC 60332-3-22  
**FIRE-RESISTANT** IEC 60331-23/ IEC 60331-2  
**MARINE TYPE APPROVALS** DNV

### Can-Bus 2x2x0.75 120 Ω

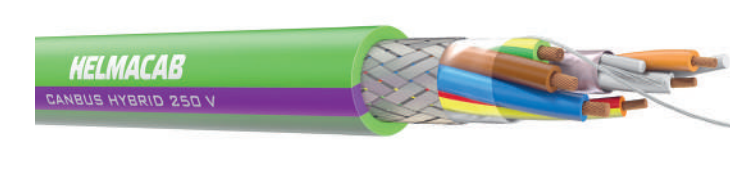


Controller Area Network (CAN) cable for fast data transmission / exchange. Reliability, determinism, and suitability for real-time and safety-critical systems. For industrial and marine applications.

**MARINE TYPE APPROVALS** DNV, LR and RINA

### Can-Bus Hybrid 250 V

3G2.5mm<sup>2</sup>+1x0.75 mm<sup>2</sup>+(i)1x2x0.75 mm<sup>2</sup>



Combined Power and CANbus cable. Optimized for maximum robustness and use on field products. Suitable for installation in maritime applications.

**MARINE TYPE APPROVALS** DNV and LR (pending)