


LKM-HF Unarmoured power and control cable 0,6/1kV



| DESIGN: | STANDARDS: |
|---|--|
| | IEC 60092-353, design |
| 1. Conductor | |
| - stranded copper conductor | IEC 60228, class 2 class 5 on request |
| 2. Insulation | |
| - XLPE plastic ($\leq 16\text{mm}^2$) | IEC 60092-351 |
| - HF90 plastic ($\geq 25\text{mm}^2$) | |
| 3. Bedding | |
| - separator tape | |
| 4. Sheath | |
| - polyolefine plastic, SHF1 | IEC 60092-359 |
| - standard colour grey or black, other colours on request | |

| | |
|--------------------|-------------------------------------|
| Flame-retardant | <input checked="" type="checkbox"/> |
| Fire-resistant | <input type="checkbox"/> |
| Halogen-free | <input checked="" type="checkbox"/> |
| Low smoke emission | <input checked="" type="checkbox"/> |

Application: For fixed installation in all areas and on open deck in ships.
If the cable is exposed to direct sun light protective covering or cable with black outer sheath is recommended.

Main characteristics

| | |
|-------------------------------|--|
| Rated voltage | 0,6/1kV (1,2kV) |
| Maximum conductor temperature | + 90 °C |
| Flame-retardant | IEC 60332-1-2 -test for single insulated wire and cable IEC 60332-3-22 -test for bunched wires and cables, category A |
| Halogen-free | IEC 60754 series |
| Smoke emission | IEC 61034 series |

Minimum recommended installation temperature -15 °C
Lowest operation temperature -40 °C

Core identification: see technical information section

Identification: Lot number, cable type, cable size, voltage, temperature, standards, production month, manufacturer's name and meter marking printed on the sheath

LKM-HF

| Number of conductors & cross-section n x mm ² | Nominal outer diameter mm | Approximate weight kg/km | Current rating A | Min. bending radius fixed installation mm |
|--|---------------------------|--------------------------|------------------|---|
| 1x6 | 6,5 | 90 | 51 | 30 |
| 1x10 | 7,5 | 135 | 71 | 30 |
| 1x16 | 8,5 | 195 | 95 | 35 |
| 1x25 | 11,0 | 310 | 125 | 45 |
| 1x35 | 12,0 | 430 | 155 | 50 |
| 1x50 | 14,0 | 560 | 190 | 60 |
| 1x70 | 16,5 | 800 | 240 | 70 |
| 1x95 | 18,0 | 1060 | 290 | 75 |
| 1x120 | 20,0 | 1325 | 340 | 80 |
| 1x150 | 23,0 | 1615 | 385 | 95 |
| 1x185 | 25,0 | 2015 | 440 | 150 |
| 1x240 | 29,0 | 2660 | 520 | 175 |
| 1x300 | 31,5 | 3280 | 590 | 190 |
| 2x1,5 | 8,0 | 75 | 18 | 35 |
| 2x2,5 | 10,0 | 110 | 25 | 40 |
| 2x4 | 11,0 | 145 | 34 | 45 |
| 2x6 | 11,5 | 195 | 43 | 50 |
| 2x10 | 14,5 | 315 | 60 | 60 |
| 3x1,5 | 8,5 | 95 | 15 | 35 |
| 3x2,5 | 10,5 | 140 | 21 | 45 |
| 3x4 | 11,0 | 190 | 29 | 45 |
| 3x6 | 12,5 | 265 | 36 | 50 |
| 3x10 | 15,5 | 400 | 50 | 65 |
| 3x16 | 18,0 | 595 | 67 | 75 |
| 3x25 | 21,0 | 950 | 89 | 85 |
| 3x35 | 25,0 | 1310 | 105 | 150 |
| 3x50 | 28,0 | 1700 | 135 | 170 |
| 3x70 | 33,5 | 2485 | 170 | 205 |
| 3x95 | 37,5 | 3295 | 205 | 225 |
| 3x120 | 41,0 | 4160 | 240 | 250 |
| 3x150 | 46,0 | 5125 | 270 | 280 |
| 4x1,5 | 9,5 | 125 | 15 | 40 |
| 4x2,5 | 11,5 | 170 | 21 | 50 |
| 4x4 | 13,0 | 245 | 29 | 55 |
| 4x6 | 14,5 | 335 | 36 | 60 |
| 4x10 | 17,0 | 515 | 50 | 70 |
| 4x16 | 20,0 | 770 | 67 | 80 |
| 4x25 | 23,5 | 1205 | 89 | 95 |
| 4x35 | 27,0 | 1690 | 105 | 165 |
| 4x50 | 31,5 | 2330 | 135 | 190 |
| 4x70 | 37,0 | 3300 | 170 | 225 |
| 4x95 | 43,0 | 4625 | 205 | 260 |
| 4x120 | 47,5 | 5750 | 240 | 285 |
| 5x1,5 | 10,5 | 150 | 14 | 45 |
| 5x2,5 | 12,5 | 210 | 18 | 50 |
| 5x4 | 14,0 | 315 | 25 | 60 |
| 5x6 | 15,0 | 445 | 30 | 60 |
| 5x10 | 18,0 | 675 | 44 | 75 |
| 5x16 | 21,0 | 1015 | 56 | 85 |
| 7x1,5 | 12,0 | 190 | 12 | 50 |
| 7x2,5 | 13,0 | 270 | 16 | 55 |
| 10x1,5 | 14,5 | 285 | 11 | 60 |
| 10x2,5 | 16,5 | 410 | 14 | 70 |
| 12x1,5 | 16,0 | 315 | 10 | 65 |
| 12x2,5 | 17,0 | 445 | 13 | 70 |
| 14x1,5 | 16,0 | 375 | 10 | 65 |
| 14x2,5 | 19,0 | 545 | 13 | 80 |
| 16x1,5 | 17,5 | 425 | 9 | 70 |
| 16x2,5 | 20,0 | 615 | 12 | 80 |
| 19x1,5 | 18,0 | 465 | 9 | 75 |
| 19x2,5 | 21,0 | 660 | 11 | 85 |
| 24x1,5 | 21,5 | 635 | 8 | 90 |
| 24x2,5 | 25,0 | 925 | 10 | 150 |
| 27x1,5 | 22,5 | 655 | 8 | 90 |
| 37x1,5 | 24,5 | 865 | 7 | 100 |

Cable with yellow/green ground conductor (type S) on request.