



LKSM-FRHF

Application

- Fixed installations on ships
- (EMC) Minimizes radio interferences and electrical influences

Features

- Flame retardant : IEC - 60332-1-2
- Fire resistant : IEC 60331-21 series
- Halogen free : IEC 60754 series
- Smoke emission : IEC 61034 series

Product Construction

- Conductor : Electrolytic, stranded, annealed copper wire. IEC 60228 Class 2
- Insulation : Mica tape, Cross Linked Polyethylene
- Bedding : Separator tape
- Armour : Drain wire
copper wire braid, coverage > 90%
- Outer Sheath : Cross Linked Polyolefin, Standard colour Orange, Other colours on request

Technical Data

- Temperature Range : - 40°C to +120°C
- Rated Voltage (U₀/U) : 0.6/1kV (1.2V)
- Test Voltage : 3.5 kV

ISO 9001	ISO 14001	AS 9100	ISO 45001	CE



Part Number	Number of Cores and mm ² Per Conductor	Outer Diameter in mm approx.	Copper Index Kg/Km	Total Weight Kg/Km approx.
321 13 02	2C x 1.5	10.9	26.12	163
321 16 02	2C x 2.5	11.7	43.53	196
321 19 02	2C x 4	12.8	69.64	242
321 13 03	3C x 1.5	11.0	39.17	181
321 16 03	3C x 2.5	12.0	65.29	226
321 19 03	3C x 4	13.5	104.46	295
321 23 03	3C x 6	15.2	156.69	403
321 27 03	3C x 10	17.3	261.15	558
321 28 03	3C x 16	20.1	404.79	801
321 30 03	3C x 25	24.0	632.48	1160
321 32 03	3C x 35	26.4	885.47	1508
321 34 03	3C x 50	29.9	1264.96	1966
321 37 03	3C x 70	34.7	1770.94	2669
321 38 03	3C x 95	39.3	2403.42	3532
321 41 03	3C x 120	45.2	3035.90	4634
321 13 04	4C x 1.5	11.5	52.23	205
321 16 04	4C x 2.5	13.2	87.05	278
321 19 04	4C x 4	15.1	139.28	377
321 23 04	4C x 6	16.7	208.92	484
321 27 04	4C x 10	19.5	348.20	715
321 28 04	4C x 16	21.8	539.72	963
321 30 04	4C x 25	25.6	843.31	1383
321 32 04	4C x 35	29.6	1180.63	1834
321 34 04	4C x 50	33.7	1686.61	2609
321 13 05	5C x 1.5	12.4	65.29	236
321 16 05	5C x 2.5	14.0	108.81	316
321 13 07	7C x 1.5	13.7	91.40	299
321 16 07	7C x 2.5	16.2	152.34	447



Part Number	Number of Cores and mm ² Per Conductor	Outer Diameter in mm approx.	Copper Index Kg/Km	Total Weight Kg/Km approx.
321 13 12	12C x 1.5	18.2	156.69	510
321 16 12	12C x 2.5	20.8	261.15	692
321 13 19	19C x 1.5	21.4	248.10	718
321 16 19	19C x 2.5	24.7	413.49	1001
321 13 27	27C x 1.5	26.1	352.56	1043
321 16 27	27C x 2.5	29.9	587.59	1434
321 13 37	37C x 1.5	29.3	483.13	1370

