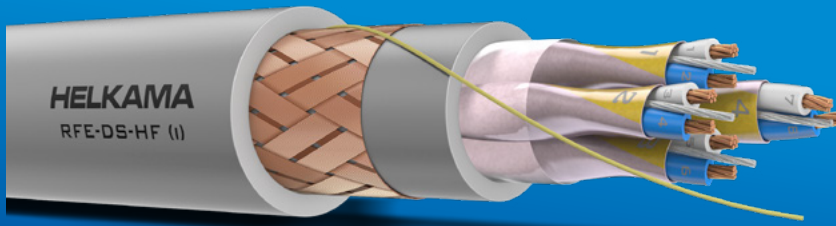


RFE-DS-HF (i)

250 V

Double sheathed and armoured and individually screened pair instrumentation and communication cable

250 V CABLES



- Flame-retardant • Halogen-free • Low smoke emission • Oil resistant (SHF2 only)

CONDUCTOR	Stranded copper conductor, IEC 60228 Class 2
INSULATION	XLPE
TWISTED PAIR & INDIVIDUAL SCREEN	Two insulated cores twisted together to form a pair Aluminium polyester tape and tinned copper drain wire
CABLING	Cabling, pairs twisted together.
INNER SHEATH	Polyolefine SHF1, IEC 60092-360 Thermosetting polyolefine SHF2 on request Standard colour grey, other colours on request
ARMOUR	Copper wire braid, coverage > 90% Tinned copper wire braid on request Armour serves as collective screen
SHEATH	Polyolefine SHF1, IEC 60092-360 Thermosetting polyolefine SHF2 on request Standard colour grey, other colours on request
REFERENCE STANDARD	IEC 60092-376

APPLICATION

Double sheathed, armoured and individually screened pair instrumentation and communication cable. For fixed installation in most areas, and on open deck in ships and offshore units. If the cable is exposed to direct sunlight, protective covering or cable with black outer sheath is recommended.

PHYSICAL PROPERTIES:

CORE IDENTIFICATION Pair colours white and blue
Pair identification with colour code and identification number

MARINE TYPE APPROVALS DNV, LR

MAIN CHARACTERISTICS:

RATED VOLTAGE	150/250 V (300 V)
FIRE PERFORMANCE	IEC 60332-1-2 IEC 60332-3-22
HALOGEN-FREE	IEC 60754 series
SMOKE EMISSION	IEC 61034 series
OIL RESISTANCE (SHF2 only)	IEC 60811-404 conditions according to 60092-360/SHF2
MIN. INSTALLATION TEMPERATURE	-15 °C
OPERATING TEMPERATURE	-40 - 80 °C fixed installation
MAXIMUM CONDUCTOR TEMPERATURE	90 °C

Subject to change without prior notice. See latest update on our webpage.

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Part number	No. of conductors x Conductor area (mm ²)	Nominal inner sheath Ø (mm)	Nominal outer Ø (mm)	Weight (kg/km)	Min. bending radius mm (fixed)
2640103012	1 x 2 x 0.5	6.0	8.5	110	50
2640103022	2 x 2 x 0.5	8.5	11.0	160	65
2640103032	3 x 2 x 0.5	9.5	12.0	200	70
2640103042	4 x 2 x 0.5	10.5	13.0	235	80
2640103072	7 x 2 x 0.5	12.5	15.5	365	95
2640103082	8 x 2 x 0.5	13.0	16.5	400	100
2640103102	10 x 2 x 0.5	15.0	18.0	475	110
2640103122	12 x 2 x 0.5	15.5	18.5	520	110
2640103142	14 x 2 x 0.5	16.5	19.5	575	115
2640103162	16 x 2 x 0.5	17.0	20.5	630	125
2640103192	19 x 2 x 0.5	18.5	22.5	740	135
2640103242	24 x 2 x 0.5	21.0	25.0	905	150
2640103272	27 x 2 x 0.5	22.0	26.0	985	155
2640103302	30 x 2 x 0.5	23.0	27.0	1060	160
2640103322	32 x 2 x 0.5	23.5	27.5	1120	165
2640103372	37 x 2 x 0.5	25.0	29.0	1245	175
2640104012	1 x 2 x 0.75	7.0	9.5	125	55
2640104022	2 x 2 x 0.75	10.5	13.0	215	80
2640104032	3 x 2 x 0.75	11.0	13.5	245	80
2640104042	4 x 2 x 0.75	12.0	15.0	325	90
2640104072	7 x 2 x 0.75	14.5	17.5	450	105
2640104082	8 x 2 x 0.75	15.5	18.5	500	110
2640104102	10 x 2 x 0.75	17.5	21.5	620	130
2640104122	12 x 2 x 0.75	18.5	22.0	685	130
2640104142	14 x 2 x 0.75	19.5	23.0	755	140
2640104162	16 x 2 x 0.75	21.0	24.5	850	145
2640104192	19 x 2 x 0.75	22.5	26.5	970	160
2640104242	24 x 2 x 0.75	25.0	29.0	1160	175
2640104272	27 x 2 x 0.75	26.5	30.5	1290	185
2640104302	30 x 2 x 0.75	27.5	32.0	1390	190
2640104322	32 x 2 x 0.75	28.5	32.5	1455	195
2640104372	37 x 2 x 0.75	30.5	35.0	1655	210
2640107012	1 x 2 x 1.5	9.0	11.5	175	70
2640107022	2 x 2 x 1.5	14.0	17.0	360	100
2640107032	3 x 2 x 1.5	14.5	18.0	430	110
2640107042	4 x 2 x 1.5	16.0	19.5	515	115
2640107072	7 x 2 x 1.5	19.5	23.0	755	140
2640107082	8 x 2 x 1.5	21.0	25.0	855	150
2640107102	10 x 2 x 1.5	24.0	28.0	1040	170
2640107122	12 x 2 x 1.5	25.0	29.0	1165	175
2640107142	14 x 2 x 1.5	27.0	30.5	1295	185
2640107162	16 x 2 x 1.5	28.5	32.5	1465	195
2640107192	19 x 2 x 1.5	31.0	35.0	1660	210
2640107242	24 x 2 x 1.5	34.5	39.5	2200	235
2640107272	27 x 2 x 1.5	36.5	41.5	2420	250
2640107302	30 x 2 x 1.5	38.5	43.5	2615	260
2640107322	32 x 2 x 1.5	40.0	45.0	2790	270
2640107372	37 x 2 x 1.5	42.5	47.5	3135	285

G-type with yellow/green earth conductor and G-marking on sheath e.g. 3G1.5 SHF2 on request.