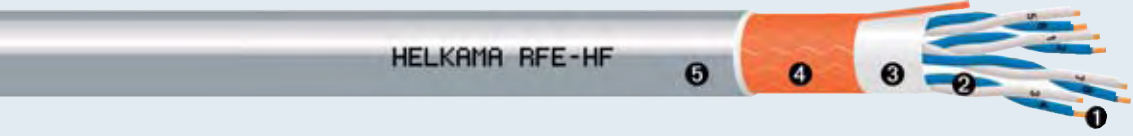


RFE-HF Armoured instrumentation and communication cable 250V



DESIGN:	STANDARDS:
	IEC 60092-376, design
1. Conductor - stranded copper conductor	IEC 60228, class 2
2. Insulation - XLPE plastic	IEC 60092-351
3. Twisted pair - two insulated cores twisted together to form a pair See next page for Quad	
4. Armour - drain wire copper (in all sizes) - copper wire braid, coverage > 94%	IEC 60092-350
5. Sheath - polyolefine plastic, SHF1 - standard colour grey, other colours on request	IEC 60092-359

Flame-retardant

Fire-resistant

Halogen-free

Low smoke emission

Application: For fixed installation in most 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	150/250V (300V)
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

Electrical data:

	0,5mm ²	0,75mm ²	1,5mm ²	Unit
Loop resistance of pair, max. / +20°C	80	52	24,4	ohm/km
Pair capacitance, nom. / 800Hz	55	50	60	nF/km
Loop inductance, nom.	0,6	0,6	0,7	mH/km
Insulation resistance / +20°C	≥1500	≥1500	≥1500	Mohm*km.

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

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

RFE-HF 250V	Number of conductors & cross-section n x mm ²	Nominal outer diameter mm	Approximate weight kg/km	Min. bending radius fixed installation mm
Part number				
20362	1x2x0,5	7,0	85	45
20364	2x2x0,5 Quad	8,0	105	50
20363	2x2x0,5	10,5	130	60
20366	4x2x0,5	11,5	175	70
20368	7x2x0,5	14,0	245	85
20369	8x2x0,5	14,5	270	85
20370	10x2x0,5	17,0	355	100
20371	12x2x0,5	17,5	390	105
20372	14x2x0,5	18,5	440	110
20373	16x2x0,5	19,5	485	120
20374	19x2x0,5	21,0	545	125
20376	24x2x0,5	23,5	670	140
20378	37x2x0,5	28,0	930	170
20382	1x2x0,75	7,5	95	45
20384	2x2x0,75 Quad	9,0	125	55
20383	2x2x0,75	11,0	155	65
20386	4x2x0,75	12,5	215	75
20388	7x2x0,75	15,5	330	90
20389	8x2x0,75	16,0	375	95
20390	10x2x0,75	18,5	440	110
20391	12x2x0,75	19,0	490	115
20392	14x2x0,75	20,5	565	125
20393	16x2x0,75	21,5	620	130
20394	19x2x0,75	23,5	715	140
20396	24x2x0,75	26,0	860	155
20398	32x2x0,75	29,5	1100	175
20490	1x2x1,5	9,5	135	60
20491	2x2x1,5 Quad	11,0	190	65
20492	2x2x1,5	14,0	235	85
20493	4x2x1,5	17,0	375	100
20494	7x2x1,5	20,0	545	120
20495	8x2x1,5	21,5	625	130
20496	10x2x1,5	24,5	760	145
20497	12x2x1,5	25,5	855	155
20498	14x2x1,5	27,0	960	165
20499	19x2x1,5	31,0	1230	185
20500	24x2x1,5	35,0	1530	210
20501	32x2x1,5	39,5	1950	235

Core identification

Each pair white - blue. Cores numbered 1, 2, 3, 4, 5....

(Quad)cable is built up as a star quad with the following identification

1 core white
2 core blue
3 core white
4 core blue

