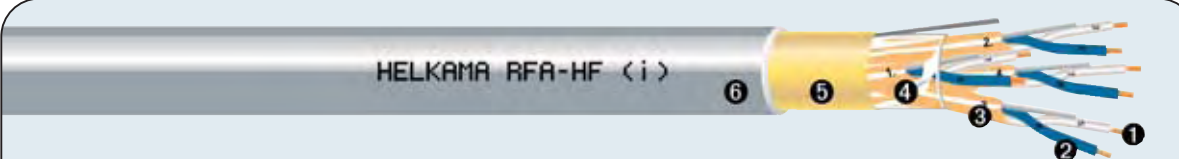


RFA-HF (i) Collectively and pair screened instrumentation and communication cable 250V



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 & pair screen	- two insulated cores twisted together to form a pair - plastic coated aluminium tape and a tinned copper drain wire	
4. Bedding	- separator tape	
5. Collective screen	- drain wire tinned copper - aluminium polyester tape, coverage 100%	IEC 60092-350
6. 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, especially when lightweight cables are needed. 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	Unit
Loop resistance of pair, max. / +20°C	80	52	ohm/km
Pair capacitance, nom.	55	70	nF/km
Loop inductance, nom.	0,6	0,6	mH/km
Insulation resistance / +20°C	≥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

RFA-HF(i) 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				
20940	2x2x0,5	9,5	95	55
20942	4x2x0,5	11,0	145	65
20944	7x2x0,5	13,0	220	80
20946	8x2x0,5	14,0	245	85
20948	10x2x0,5	16,0	305	95
20950	12x2x0,5	16,5	350	100
20952	14x2x0,5	17,5	395	105
20954	16x2x0,5	19,0	450	115
20956	19x2x0,5	20,0	520	120
20958	24x2x0,5	22,5	655	135
21059	2x2x0,75	10,0	115	60
21061	4x2x0,75	12,0	180	70
21063	7x2x0,75	14,5	275	85
21065	8x2x0,75	15,0	310	90
21067	10x2x0,75	17,5	380	105
21069	12x2x0,75	18,0	440	110
21071	14x2x0,75	19,5	520	120
21073	16x2x0,75	21,0	580	125
21075	19x2x0,75	22,5	680	135
21077	24x2x0,75	25,0	840	150

Other sizes on request.

Core identification

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

The pairs are covered by a numbered tape (1, 2, 3, 4, 5....)

