

RTFRO // Multicores

ETFE insulated & sheathed multicores to DNV GL - Ships, offshore units and high speed & light craft
Intended for use in equipment installed on classed vessels

Description	Cores				Finished Cable						
	RTFRO	No. of cores	Tin Plated Copper (TPC)			ETFE	TPC braid	ETFE	Weight		Amps
			Size	Stranding	Conductor	Insulation	Shield/s	Sheath/s			
300 / 500V AC U _v /U	Lay up	mm ²	# x mm	Nom Ø	Nom Ø	Nom Ø	Nom Ø	Nom g/m	@ 40°C	Article Number	
RTFRO 2 x 0,75	2	0.75	Class 5	1.05	1.61	4.8 x 5.8	5.6 x 6.6	79	12.8	43171-001-07	
RTFRO 2 x 1,0		1.00	Class 5	1.20	1.76	5.2 x 5.8	6.1 x 6.7	80	14.5	700016590	
RTFRO 2 x 1,5		1.50	Class 5	1.50	2.26	6.3 x 7.3	7.3 x 8.3	123	20.2	43171-006-01	
RTFRO 3 x 0,5	3	0.50	Class 5	0.88	1.44	4.6 x 5.6	5.4 x 6.4	70	9.1	43171-008-03	
RTFRO 3 x 0,75		0.75	Class 5	1.05	1.61	5.1 x 6.1	5.4 x 6.9	87	11.9	43171-001-08	
RTFRO 3 x 1,0		1.00	Class 5	1.20	1.76	5.5 x 6.5	6.4 x 7.4	100	13.4	700016674	
RTFRO 3 x 1,5		1.50	Class 5	1.50	2.26	6.6 x 7.6	7.6 x 8.6	134	18.7	43171-006-02	
RTFRO 4 x 0,5	4	0.50	Class 5	0.88	1.44	4.8 x 5.8	5.6 x 6.6	72	8.2	43171-008-04	
RTFRO 4 x 0,75		0.75	Class 5	1.05	1.61	5.6 x 6.6	6.4 x 7.4	102	10.8	43171-001-09	
RTFRO 4 x 1,0		1.00	Class 5	1.20	1.76	5.9 x 6.5	6.8 x 7.4	110	12.2	700016621	
RTFRO 4 x 1,5		1.50	Class 5	1.50	2.26	7.0 x 8.0	8.0 x 9.0	157	17.0	43171-006-03	
RTFRO 5 x 0,75	5	0.75	Class 5	1.05	1.61	6.1 x 7.1	7.1 x 8.1	120	10.1	43171-001-10	
RTFRO 5 x 1,5		1.50	Class 5	1.50	2.26	8.0 x 9.0	9.1 x 10.1	192	15.9	43171-006-04	
RTFRO 7 x 0,75	7	0.75	Class 5	1.05	1.61	6.7 x 7.7	7.7 x 8.7	143	8.7	43171-001-11	
RTFRO 7 x 1,5		1.50	Class 5	1.50	2.26	8.7 x 9.7	9.8 x 10.8	215	13.8	43171-006-05	
RTFRO 8 x 0,5	8	0.50	Class 5	0.88	1.44	6.9 x 7.8	7.9 x 8.8	150	6.1	43171-008-06	
RTFRO 8 x 0,75		0.75	Class 5	1.05	1.61	7.2 x 8.2	8.2 x 9.2	164	8.3	43171-001-12	
RTFRO 9 x 0,5	9	0.50	Class 5	0.88	1.44	7.5 x 8.4	8.5 x 9.4	145	6.0	43171-008-12	
RTFRO 10 x 1,5	10	1.50	Class 5	1.50	2.26	11.2 x 12.2	12.4 x 13.4	318	12.5	43171-006-06	

Cable is un-round due to drain wire: Dimensions stated as A x B where A is the diameter over the normal shape of the cable and B is the diameter over the drain wire

Cable identification

Cores: 1 st : Black, 2 nd : Light Blue, 3 rd : Brown, 4 th : Grey, 5 th : Blue, 6 th : White, 7 th : Orange, 8 th : Green, 9 th : Red	
Cores: 10+ cores: Black and numbered	
Sheath: Black	

Marking: HABIA CABLE Factory RTFRO ## x ### Voltage Batchcode YYWW IEC 60332-1 IEC 60332-3-24

Characteristics and key properties

	RoHS 2011/65/EU	REACH EC No. 1907/2006	LVD 2014/35/EU	All-round chemical resistance	Flame retardant to IEC 60332- 3-24	Certified +95°C High temp	+150°C High temp
ABS approved	BV approved (excludes items with *)	DNV GL approved		Test voltage 1.5 kV AC	Current rating in free air to IEC 60287	Certified -40°C Low temp	-65°C Low temp

Data indicates nominal values in millimetres (mm) unless otherwise stated.

DISCLAIMER: Information is indicative and cannot be considered a binding representation or warranty for products and their use.

Valid at the time of publication, it is subject to change without notice.

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		Size	Stranding	Conductor	Insulation	Shield/s	Sheath/s			
300 / 500V AC U _v /U	Lay up	mm ²	# x mm	Nom Ø	Nom Ø	Nom Ø	Nom Ø	Nom g/m	@ 40°C	Article Number
RTFRO 12 x 0,5	12	0.50	Class 5	0.88	1.44	TBC	8.4 x 9.0	TBC	5.4	TBC
RTFRO 12 x 0,75		0.75	Class 5	1.05	1.61	8.6 x 9.6	9.7 x 10.7	216	7.4	43171-001-13
RTFRO 12 x 1,5		1.50	Class 5	1.50	2.26	11.5 x 12.5	12.7 x 13.7	345	11.7	700031718
RTFRO 14 x 0,75	14	0.75	Class 5	1.05	1.61	8.9 x 9.9	10.0 x 11.0	229	6.9	700031714
RTFRO 19 x 0,75	19	0.75	Class 5	1.05	1.61	9.9 x 10.9	11.3 x 12.3	293	6.5	700031715
RTFRO 20 x 0,75	20	0.75	Class 5	1.05	1.61	10.6 x 11.6	12.0 x 13.0	320	6.4	43171-010-05
RTFRO 25 x 0,75	25	0.75	Class 5	1.05	1.61	11.8 x 12.4	13.2 x 13.8	370	5.7	43171-010-04
RTFRO 27 x 0,75	27	0.75	Class 5	1.05	1.61	11.8 x 12.4	13.2 x 13.8	380	5.5	700031716
RTFRO 40 x 0,75	40	0.75	Class 5	1.05	1.61	15.4 x 16.1	17.0 x 17.7	570	4.8	700004558
RTFRO 50 x 0,75	50	0.75	Class 5	1.05	1.61	15.4 x 16.4	16.8 x 17.8	673	4.7	700031717

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