

# RTFRO // Multipairs

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

300/500V AC U<sub>0</sub>/U

Certified: -40°C to +95°C

Actual range: -65°C to +150°C

Description	Arrangement			Cores		Finished Cable				Article Number
	No. of cores	Conductor		TPC	Insulation	Shield/s	Sheath/s	Weight	Amps	
		Size	Stranding							
RTFRO	mm <sup>2</sup>			Nom Ø	Nom Ø	Nom Ø *	Nom Ø *			
RTFRO 2 x 2 x 0,75	4	0.75	Class 5	1.05	1.61	7.7 x 8.7	8.8 x 9.8	136	10.8	70005995
RTFRO 3 x 2 x 0,5	6	0.50	Class 5	0.88	1.44	TBC	7.7	TBC	7.1	TBC
RTFRO 4 x 2 x 0,75	8	0.75	Class 5	1.05	1.61	8.9 x 9.9	10.0 x 11.0	170	8.3	70005996
RTFRO 5 x 2 x 0,5	10	0.50	Class 5	0.88	1.44	TBC	9.9 x 10.5	TBC	6.1	TBC
RTFRO 7 x 2 x 0,75	14	0.75	Class 5	1.05	1.61	9.7 x 10.5	11.6 x 12.6	240	7.1	70005997
RTFRO 8 x 2 x 0,75	16	0.75	Class 5	1.05	1.61	13.0 x 13.7	14.8 x 15.5	370	6.8	700014332
RTFRO 12 x 2 x 0,75	24	0.75	Class 5	1.05	1.61	13.2 x 14.2	14.7 x 15.7	390	5.8	700006727
RTFRO 15 x 2 x 0,5	30	0.50	Class 5	0.88	1.44	14.5 x 15.1	15.9 x 16.5	420	4.1	401-66794-020
RTFRO 15 x 2 x 0,75		0.75	Class 5	1.05	1.61	16.1 x 17.1	17.5 x 18.5	500	5.2	43171-001-14
RTFRO 20 x 2 x 0,5	40	0.50	Class 5	0.88	1.44	15.4 x 16.4	16.8	470	3.7	43171-008-05

  

Description	No. of cores	Conductor		TPC	Insulation	Shield/s	Sheath/s	Weight	Amps	
		Size	Stranding							Nom Ø
		mm <sup>2</sup>		Nom Ø	Nom Ø	Nom Ø *	Nom Ø *	Nom g/m	@ 40°C *	
RTFRO 4 x 3 x 0,5	12	0.50	Class 5	0.88	1.44	TBC	9.8 x 10.4	TBC	5.6	TBC
RTFRO 4 x 3 x 0,75		0.75	Class 5	1.05	1.61	9.4 x 10.4	10.5 x 11.5	235	7.4	43171-001-15
RTFRO 13 x 3 x 0,5	39	0.50	Class 5	0.88	1.44	TBC	17.4 x 18.0	TBC	3.7	TBC
RTFRO 15 x 3 x 0,5	45	0.50	Class 5	0.88	1.44	16.4	17.8	560	3.6	43171-001-16
RTFRO 15 x 3 x 0,75		0.75	Class 5	1.05	1.61	18.7	20.3	665	4.7	700022427
RTFRO 20 x 3 x 0,5	60	0.50	Class 5	0.88	1.44	TBC	19.8 x 20.4	TBC	3.4	TBC
RTFRO 20 x 3 x 0,75		0.75	Class 5	1.05	1.61	19.9	21.5	890	4.5	43171-001-17

\* Notes: 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.  
Core current rating applies to a single cable hanging in free air. Additional de-rating required for ambient temperature, multiple cables and/or method of installation.

## Identification

Colours		
Part	Colour	Notes / Printing
Cores	Various	See individual drawings for details
Outer sheath	Black	HABIA CABLE Factory RTFRO ## x ### Voltage Batchcode YYWW IEC 60332-1 IEC 60332-3-24

## Characteristics & key properties

	RoHS 2011/65/EU	REACH EC No. 1907/2006	LVD 2014/35/EU	DNV GL approval	BV approval	ABS approval	Flame retardant to IEC 60332-3-25	Oil & fuel resistant	Test voltage 1.5 kV AC
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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.