

RTFRO-TCK

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

60V AC U₀/U

Certified: -40°C to +95°C

Actual range: -65°C to +150°C

Description	Arrangement		Cores		Finished Cable				Article Number	
RTFRO-TCK	No. of cores	Conductor		Insulation	Shield/s	Sheath/s		Weight	Amps	
		Size	Stranding	NiCr / NiAl	ETFE	TPC braid	ETFE + ripcord			
		mm ²		Nom Ø	Nom Ø	Nom Ø *	Nom Ø *	Nom g/m	@ 40°C **	
RTFRO-TCK 2 x 0,5	2	0.50	Class 5	0.88	1.44	4.4	5.3 x 6.0	58	9.8	700024353
RTFRO-TCK 2 x 0.75		0.75	Class 5	1.05	1.61	4.8	5.6 x 6.6	75	12.8	29171-001-02
RTFRO-TCK 4 x 0,5	4	0.50	Class 5	0.88	1.44	5.2 x 5.8	6.0 x 6.6	87	8.2	29281-001-01
RTFRO-TCK 8 x 0,5	8	0.50	Class 5	0.88	1.44	7.1 x 8.1	8.2 x 9.2	165	6.4	29171-003-01
RTFRO-TCK	No. of cores	Conductor		Insulation	Shield/s	Sheath/s		Weight	Amps	
RTFRO-TCK		Size	Stranding	NiCr / NiAl	ETFE	TPC braid	ETFE + ripcord			
		mm ²		Nom Ø	Nom Ø	Nom Ø *	Nom Ø *	Nom g/m	@ 40°C **	
RTFRO-TCK 2x2 x 0,75	4	0.75	Class 5	1.05	1.61	5.8 x 6.8	6.6 x 7.6	109	10.8	205-40035-020
RTFRO-TCK 3x2 x 0,75	6	0.75	Class 5	1.05	1.61	8.0	9.1 x 10.1	170	9.3	29171-001-01
RTFRO-TCK 12x2 x 0,75	24	0.75	Class 5	1.05	1.61	14.3	15.8 x 16.8	400	5.8	29171-001-03

* 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.
Calibrated to meet IEC 60584-3:
Temp. range: -25/+200°C, Tolerance class 1 ± 60 μv (± 1.5°C) and ISA-MC-96.1, Temperature range: 0/+200°C, Standard tolerance ± 2.2°C).
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	1 st core	2 nd core	Notes / Printing
Each pair	Red	Yellow	Each pair numbered
Outer sheath	Yellow	HABIA CABLE Factory RTFRO-TCK ## 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.