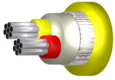


RTFRO™ / RTFRO-TCK

ETFE insulated & sheathed thermocouple extension

Intended for use in equipment on ships, offshore units and high speed & light craft



Order reference		Cores					Finished cable			Electrical	
	No. of cores	Nickel Chromel / Nickel Alumel (NiCr / NiAl)		ETFE	TPC braid / drain	ETFE	Weight	DC current rating	Voltage		
		Size		Insulation		Outer shield					Outer sheath
Description (NSN - if applicable)	Article Number	Lay up	AWG	mm²	Nom Ø	Nom Ø	Nom Ø	Nom Ø	Nom g/m	Amps	V AC U _v /U
RTFRO-TCK 2 x 0,5	700024353	2	-	0.50	0.88	1.44	4.4	5.3 x 6.0	58	9.8	60/90
RTFRO-TCK 2 x 0.75	2917100102		-	0.75	1.05	1.61	4.8	5.6 x 6.6	75	12.8	
RTFRO-TCK 4 x 0,5	2928100101	4	-	0.50	0.88	1.44	5.2 x 5.8	6.0 x 6.6	87	8.2	60/90
RTFRO-TCK 8 x 0,5	2917100301	8	-	0.50	0.88	1.44	7.1 x 8.1	8.2 x 9.2	165	6.4	60/90
Description (NSN - if applicable)	Article Number	Lay up	AWG	mm²	Nom Ø	Nom Ø	Nom Ø	Nom Ø	Nom g/m	Amps	V AC U _v /U
RTFRO-TCK 2x2 x 0,75	20540035020	2 x 2	-	0.75	1.05	1.61	5.8 x 6.8	6.6 x 7.6	109	10.8	60/90
RTFRO-TCK 3x2 x 0,75	2917100101	3 x 2	-	0.75	1.05	1.61	8.0	9.1 x 10.1	170	9.3	60/90
RTFRO-TCK 12x2 x 0,75	2917100103	12 x 2	-	0.75	1.05	1.61	14.3	15.8 x 16.8	400	5.8	60/90

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

Cable identification

Cores	Each pair Red (NiCr) & Yellow (NiAl), numbered	
Sheath	Yellow	
Marking	HABIA CABLE Factory RTFRO-TCK ## 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	20,000 hrs +150°C High temp
ABS approved	BV approved	DNV GL approved		Fixed MBR 5x OD	Current rating to DIN VDE 0298-4	Certified -40°C Low temp	20,000 hrs -65°C Low temp

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