

Habiaflame™ / RVH

Fire resisting cores tested to IEC 60331-21 & IEC 60331-31

Intended for use in elevated temperatures, to maintain circuit integrity when subjected to fire

Order reference		Conductor				Finished wire				Electrical		
		Nickel Plated Copper (NPC)				Habiaflame			Weight	DC resistance	DC current rating	Voltage
		Size		Stranding	Wire	Insulation	Tolerance		g/m		In free air at 40°C	
Description (NSN - if applicable)	Article Number	AWG	mm ²	# x mm	Nom Ø	Nom Ø	Min Ø	Max Ø	Nom g/m	Ω/km	Amps	V AC U ₀ /U
RVH 0,5	9070050cc	-	0.50	16 x 0.20	0.88	2.60	2.40	2.80	13.6	40.1	24	600/1000
RVH 0,75	9070075cc	-	0.75	24 x 0.20	1.05	2.80	2.60	3.00	14.2	26.7	31	
RVH 1,0	9070100cc	-	1.0	32 x 0.20	1.20	2.90	2.70	3.10	18.4	20.0	36	
RVH 1,5	9070150cc	-	1.5	30 x 0.25	1.50	3.30	3.00	3.40	24.8	13.7	45	
RVH 2,5	9070250cc	-	2.5	50 x 0.25	1.95	3.80	3.50	3.90	35.5	8.21	62	
RVH 4	9070400cc	-	4	56 x 0.30	2.48	4.20	4.00	4.40	52.5	5.09	83	
RVH 6	9070600cc	-	6	84 x 0.30	2.92	4.60	4.40	4.80	69.3	3.39	106	
RVH 10	9071000cc	-	10	80 x 0.40	3.93	5.60	5.40	5.80	111	1.95	148	
RVH 16	9071600cc	-	16	126 x 0.40	5.70	7.90	7.70	8.10	185	1.24	206	

Core identification: Replace 'cc' in the article number with 2 digits below to select from available colours

00 Black
 11 Brown
 22 Red
 33 Orange
 44 Yellow
 55 Green
 66 Blue
 77 Violet
 88 Grey
 99 White
 29 Pink

Marking Habia Cable - Article No. - Year-Week - Batch code

Characteristics and key properties

	RoHS 2011/65/EU	REACH EC No. 1907/2006	LVD 2014/35/EU	Halogen free	Low smoke	Flame retardant	Fire resistant IEC 60331-21 IEC 60331-31	+1565°C High temp (Peak)	+200°C High temp (20,000 hrs)
						Fixed MBR 7.5x OD	Current rating to IEC 60287		-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.