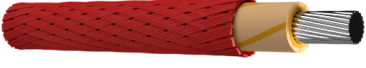


Habiaflame™ / RV

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

600 V AC

Order reference		Conductor				Finished wire				Electrical	
		Nickel Plated Copper (NPC)				Habiaflame			Weight	DC resistance	DC current rating In free air at 40°C
		Size	Strands	Wire	Insulation	Tolerance					
Description	Article Number	AWG	mm ²	# x mm	Nom Ø	Nom Ø	Min Ø	Max Ø	Nom g/m	Ω/km	Amps
RV 0,5	9080050cc	-	0.50	16 x 0.20	0.88	2.60	2.40	2.80	13.6	40.1	27
RV 0,75	9080075cc	-	0.75	24 x 0.20	1.05	2.80	2.60	3.00	14.2	26.7	35
RV 1,0	9080100cc	-	1.0	32 x 0.20	1.20	2.90	2.70	3.10	18.4	20.0	41
RV 1,5	9080150cc	-	1.5	30 x 0.25	1.50	3.30	3.00	3.40	24.8	13.7	52
RV 2,5	9080250cc	-	2.5	50 x 0.25	1.95	3.80	3.50	3.90	35.5	8.21	70
RV 4	9080400cc	-	4	56 x 0.30	2.48	4.20	4.00	4.40	52.5	5.09	94
RV 6	9080600cc	-	6	84 x 0.30	2.92	4.60	4.40	4.80	69.3	3.39	120
RV 10	9081000cc	-	10	80 x 0.40	3.93	5.60	5.40	5.80	111	1.95	168
RV 16	9081600cc	-	16	126 x 0.40	5.70	7.90	7.70	8.10	185	1.24	234

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

CE	UK CA	RoHS REACH LVD		Current rating IEC 60287	Fluid resistant Fuel Oil Water	Fire resistant IEC 60331-21 IEC 60331-31	Flame resistant		Smoke free	MBR Fixed = 7.5x Ø Flexing = 15x Ø
								Temp low -65°C	Temp >20,000 hrs +260°C	Temp peak +1565°C

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