

Habiaflame™ / RV Multicores

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

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

Order reference		Cores				Finished cable				Electrical	
Description (NSN - if applicable)	Article Number	No. of cores	Nickel Plated Copper (NPC)		Habia-flame	NPC braid	Habia-flame	StSt braid	Weight	DC current rating In free air at 40°C	Voltage
			Size	Wire	Insulation	Outer shield	Outer sheath	Armour			
NSN - if applicable	Article Number	Lay up	mm ²	Nom Ø	Nom Ø	Nom Ø	Nom Ø	Nom Ø	Nom g/m	Amps	V AC U ₀ /U
RV 2X1,0 TV Grey	86101000028	2	1.0	1.20	2.90	-	7.2	-	88	36	600/1000
RV 2X2,5 TV Grey	86102500028		2.5	1.95	3.80	-	9.0	-	142	62	
RV 3G1,0 TV Grey	861010000387	3	1.0	1.20	2.90	-	7.6	-	112	33	
RV 3G2,5 TV Grey	861025000387		2.5	1.95	3.80	-	9.6	-	159	57	
RV 4G1,0 TV Grey	861010000487	4	1.0	1.20	2.90	-	8.4	-	118	31	
RV 4G2,5 TV Grey	861025000487		2.5	1.95	3.80	-	10.2	-	236	53	
Description (NSN - if applicable)	Article Number	Lay up	mm ²	Nom Ø	Nom Ø	Nom Ø	Nom Ø	Nom Ø	Nom g/m	Amps	V AC U ₀ /U
RV 2X1,0 STV Grey	86101001028	2	1.0	1.20	2.90	6.8	8.2	-	120	36	600/1000
RV 2X2,5 STV Grey	86102501028		2.5	1.95	3.80	8.7	10.1	-	208	62	
RV 3G1,0 STV Grey	861010010387	3	1.0	1.20	2.90	7.2	8.6	-	155	33	
RV 3G2,5 STV Grey	861025010387		2.5	1.95	3.80	9.3	10.7	-	236	57	
RV 4G1,0 STV Grey	861010010487	4	1.0	1.20	2.90	8.1	9.5	-	160	31	
RV 4G2,5 STV Grey	861025010487		2.5	1.95	3.80	9.9	11.3	-	285	53	
Description (NSN - if applicable)	Article Number	Lay up	mm ²	Nom Ø	Nom Ø	Nom Ø	Nom Ø	Nom Ø	Nom g/m	Amps	V AC U ₀ /U
RV 2X1,0 TVS Grey	86101002028	2	1.0	1.20	2.90	-	7.2	8.1	129	36	600/1000
RV 2X2,5 TVS Grey	86102502028		2.5	1.95	3.80	-	9.0	9.9	185	62	
RV 3G1,0 TVS Grey	861010020387	3	1.0	1.20	2.90	-	7.6	8.5	139	33	
RV 3G2,5 TVS Grey	861025020387		2.5	1.95	3.80	-	9.6	10.5	217	57	
RV 4G1,0 TVS Grey	861010020487	4	1.0	1.20	2.90	-	8.4	9.3	148	31	
RV 4G2,5 TVS Grey	861025020487		2.5	1.95	3.80	-	10.2	11.1	272	53	
Description (NSN - if applicable)	Article Number	Lay up	mm ²	Nom Ø	Nom Ø	Nom Ø	Nom Ø	Nom Ø	Nom g/m	Amps	V AC U ₀ /U
RV 2X1,0 STVS Grey	86101003028	2	1.0	1.20	2.90	6.8	8.2	9.1	136	36	600/1000
RV 2X2,5 STVS Grey	86102503028		2.5	1.95	3.80	8.7	10.1	11.0	232	62	
RV 3G1,0 STVS Grey	861010030387	3	1.0	1.20	2.90	7.2	8.6	9.5	192	33	
RV 3G2,5 STVS Grey	861025030387		2.5	1.95	3.80	9.3	10.7	11.6	270	57	
RV 4G1,0 STVS Grey	861010030487	4	1.0	1.20	2.90	8.1	9.5	10.4	195	31	
RV 4G2,5 STVS Grey	861025030487		2.5	1.95	3.80	9.9	11.3	12.2	333	53	

Cable identification (change 'X' to a 'G' in the description and add a '7' to the article number to select option 1 or option 2)

Cores	3 cores in a layer: 1 st Brown, 2 nd Blue, 3 rd Yellow/Green	Option 1	Option 2
Option 1 with earth	4 cores in a layer: 1 st Brown, 2 nd Black, 3 rd Grey, 4 th Yellow/Green 5 cores in a layer: 1 st Brown, 2 nd Black, 3 rd Grey, 4 th Yellow/Green, 5 th Blue 6 cores in a layer: All cores Black, numbered plus 1 Yellow/Green		
Cores	2 cores in a layer: 1 st Brown, 2 nd Blue		
Option 2 without earth	3 cores in a layer: 1 st Brown, 2 nd Blue, 3 rd Yellow/Green 4 cores in a layer: 1 st Brown, 2 nd Black, 3 rd Grey, 4 th Yellow/Green 5 cores in a layer: 1 st Brown, 2 nd Black, 3 rd Grey, 4 th Yellow/Green, 5 th Blue 6 cores in a layer: All cores Black, numbered		
Sheath	Grey		
Marking	Habia Cable - Article No. - Year-Week - Batch code		

Characteristics and key properties

	RoHS	REACH	LVD	Low smoke	Flame retardant	Fire resistant	+1565°C	+260°C
	2011/65/EU	EC No. 1907/2006	2014/35/EU			IEC 60331-21 IEC 60331-31	High temp (Peak)	High temp (20,000 hrs)
					Fixed MBR 7.5x OD	Current rating to DIN VDE 0298-4		-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.