

## Habiaflame™ / RV-STV Multicores

Fire resisting, screened multicores tested to IEC 60331-21 & IEC 60331-31  
Intended for use in elevated temperatures, to maintain circuit integrity when subjected to fire  
600/1000 V AC

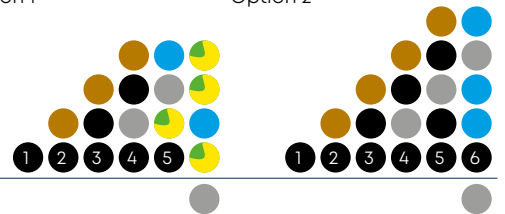
Order reference		Cores				Finished cable			Electrical	
Description	Article Number	No. of cores	Nickel Plated Copper (NPC)		Habia-flame	NPC & StSt braid	Habia-flame	Weight	DC resistance	DC current rating
			Conductor size		Insulation	Shield / Armour	Outer sheath			In free air at 40°C
		Lay up	mm²	Nom Ø	Nom Ø	Nom Ø	Nom Ø	Nom g/m	Max Ω/km	Amps
RV 2X1,0 STV Grey	86101001028	2	1.0	1.20	2.90	S: 6.8 A: -	8.2	120	21.0	36
RV 2X2,5 STV Grey	86102501028		2.5	1.95	3.80	S: 8.7 A: -	10.1	208	8.62	62
RV 3G1,0 STV Grey	861010010387	3	1.0	1.20	2.90	S: 7.2 A: -	8.6	155	21.0	33
RV 3G2,5 STV Grey	861025010387		2.5	1.95	3.80	S: 9.3 A: -	10.7	236	8.62	57
RV 4G1,0 STV Grey	861010010487	4	1.0	1.20	2.90	S: 8.1 A: -	9.5	160	21.0	31
RV 4G2,5 STV Grey	861025010487		2.5	1.95	3.80	S: 9.9 A: -	11.3	285	8.62	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 Option 1 with earth	3 cores in a layer: 1 <sup>st</sup> Brown, 2 <sup>nd</sup> Blue, 3 <sup>rd</sup> Yellow/Green 4 cores in a layer: 1 <sup>st</sup> Brown, 2 <sup>nd</sup> Black, 3 <sup>rd</sup> Grey, 4 <sup>th</sup> Yellow/Green 5 cores in a layer: 1 <sup>st</sup> Brown, 2 <sup>nd</sup> Black, 3 <sup>rd</sup> Grey, 4 <sup>th</sup> Yellow/Green, 5 <sup>th</sup> Blue >6 cores in a layer: All cores Black, numbered plus 1 Yellow/Green
Cores Option 2 without earth	2 cores in a layer: 1 <sup>st</sup> Brown, 2 <sup>nd</sup> Blue 3 cores in a layer: 1 <sup>st</sup> Brown, 2 <sup>nd</sup> Blue, 3 <sup>rd</sup> Yellow/Green 4 cores in a layer: 1 <sup>st</sup> Brown, 2 <sup>nd</sup> Black, 3 <sup>rd</sup> Grey, 4 <sup>th</sup> Yellow/Green 5 cores in a layer: 1 <sup>st</sup> Brown, 2 <sup>nd</sup> Black, 3 <sup>rd</sup> Grey, 4 <sup>th</sup> Yellow/Green, 5 <sup>th</sup> Blue >6 cores in a layer: All cores Black, numbered
Sheath	Grey
Marking	Habia Cable - Article No. - Year-Week - Batch code

Option 1

Option 2



Characteristics and key properties											
<b>CE</b>	<b>UK CA</b>	RoHS REACH LVD	<b>Current rating</b> DIN VDE 0298-4	<b>Fluid resistant</b> Fuel Oil Water	<b>Fire resistant</b> IEC 60331-21 IEC 60331-31	<b>Flame resistant</b>	<b>Smoke free</b>	<b>MBR</b> Fixed = 7.5x Ø Flexing = 15x Ø	<b>Temp low</b> -65°C	<b>Temp &gt;20,000 hrs</b> +260°C	<b>Temp peak</b> +1565°C

DISCLAIMER: This document and its content remain the property of Habia Cable. It may not be used, copied or provided to any other party than the intended recipient, without prior written permission from Habia Cable. The product shown is intended for professional use and is subject to the user's own evaluation for any particular purpose. Information provided indicates nominal, indicative values and cannot be considered a binding representation or warranty for products and their use. Information is considered valid at the time of publication and is subject to change without notice.