

## Habiaflame™ / RV-STVS Multicores

Fire resisting, screened and armoured 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

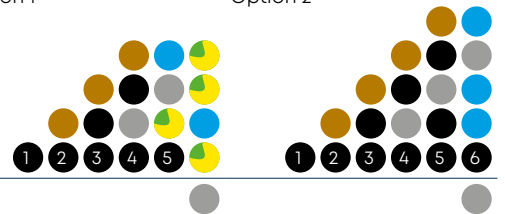
Order reference		Cores				Finished cable			Electrical	
Description	Article Number	No. of cores	Nickel Plated Copper (NPC)		Habia-flame	NPC & StSt braid	Habia-flame	Weight	DC resistance	DC current rating
			Conductor size		Insulation	Shield / Armour	Outer sheath			In free air at 40°C
		Lay up	mm²	Nom Ø	Nom Ø	Nom Ø	Nom Ø	Nom g/m	Max Ω/km	Amps
RV 2X1,0 STVS Grey	86101003028	2	1.0	1.20	2.90	S: 6.8 A: 9.1	8.2	136	21.0	36
RV 2X2,5 STVS Grey	86102503028		2.5	1.95	3.80	S: 8.7 A: 11.0	10.1	232	8.62	62
RV 3G1,0 STVS Grey	861010030387	3	1.0	1.20	2.90	S: 7.2 A: 9.5	8.6	192	21.0	33
RV 3G2,5 STVS Grey	861025030387		2.5	1.95	3.80	S: 9.3 A: 11.6	10.7	270	8.62	57
RV 4G1,0 STVS Grey	861010030487	4	1.0	1.20	2.90	S: 8.1 A: 10.4	9.5	195	21.0	31
RV 4G2,5 STVS Grey	861025030487		2.5	1.95	3.80	S: 9.9 A: 12.2	11.3	333	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										
		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: 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.