

Habiaflame™ / RV-TV 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

600/1000 V AC

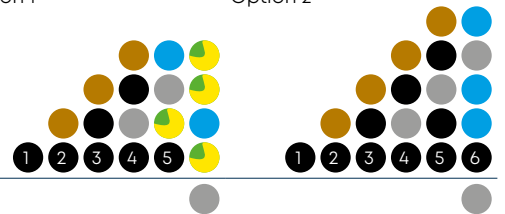
Order reference		Cores				Finished cable			Electrical	
Description	Article Number	No. of cores	Nickel Plated Copper (NPC)		Habia-flame	NPC & StSt braid	Habia-flame	Weight	DC resistance	DC current rating
			Conductor size		Insulation	Shield / Armour	Outer sheath			In free air at 40°C
		Lay up	mm²	Nom Ø	Nom Ø	Nom Ø	Nom Ø	Nom g/m	Max Ω/km	Amps
RV 2X1,0 TV Grey	86101000028	2	1.0	1.20	2.90	S: - A: -	7.2	88	21.0	36
RV 2X2,5 TV Grey	86102500028		2.5	1.95	3.80	S: - A: -	9.0	142	8.62	62
RV 3G1,0 TV Grey	861010000387	3	1.0	1.20	2.90	S: - A: -	7.6	112	21.0	33
RV 3G2,5 TV Grey	861025000387		2.5	1.95	3.80	S: - A: -	9.6	159	8.62	57
RV 4G1,0 TV Grey	861010000487	4	1.0	1.20	2.90	S: - A: -	8.4	118	21.0	31
RV 4G2,5 TV Grey	861025000487		2.5	1.95	3.80	S: - A: -	10.2	236	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	3 cores in a layer: 1 st Brown, 2 nd Blue, 3 rd Yellow/Green
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

Option 1

Option 2



Characteristics and key properties										
		RoHS REACH LVD		Current rating DIN VDE 0298-4	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

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.