

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

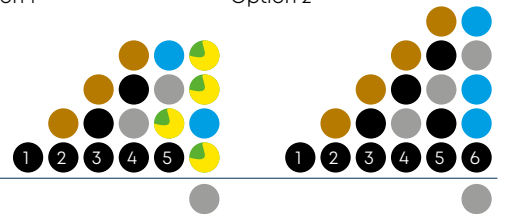
Order reference		Cores				Finished cable			Electrical	
Description	Article Number	No. of cores	Nickel Plated Copper (NPC)		Habia-flame	NPC & StSt braid	Habia-flame	Weight	DC resistance	DC current rating
			Conductor size		Insulation	Shield / Armour	Outer sheath			In free air at 40°C
		Lay up	mm²	Nom 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										
CE	UK CA	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

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