

HFI 121 XL / XC

HFI 121 XL insulated cores

Intended for use as internal wiring of equipment

600 V AC

Order reference		Conductor				Finished wire				Electrical	
		Tin Plated Copper (TPC)				HFI 121 XL			Weight	DC resistance	DC Current rating In free air at 40°C
		Size	Stranding	Wire	Core	Tolerance					
Description	Article Number	AWG	mm ²	# x mm	Nom Ø	Nom Ø	Min Ø	Max Ø	Nom g/m	Max Ω/km	Amps
XC 0.5	911cc0050	-	0.50	19 x 0.185	0.88	2.50	2.40	2.60	10.3	40.1	12
XC 0.75	911cc0075	-	0.75	24 x 0.20	1.05	2.65	2.55	2.75	13.0	26.7	16
XC 1.0	911cc0100	-	1.0	32 x 0.20	1.20	2.80	2.70	2.90	15.7	20.0	19
XC 1.5	911cc0150	-	1.5	30 x 0.25	1.50	3.10	3.00	3.20	21.3	13.7	25
XC 2.5	911cc0250	-	2.5	50 x 0.25	1.95	3.55	3.45	3.65	31.2	8.21	36
XC 4	911cc0400	-	4.0	56 x 0.30	2.48	4.10	4.00	4.20	47.2	5.09	51
XC 6	911cc0600	-	6.0	84 x 0.30	2.92	4.55	4.45	4.65	65.8	3.39	66
XC 10	911cc1000	-	10.0	80 x 0.40	3.93	5.55	5.40	5.70	107	1.95	95
XC 16	911cc1600	-	16.0	126 x 0.40	5.70	7.70	7.55	7.85	172	1.24	130
XC 25	911cc2500	-	25.0	196 x 0.40	7.20	9.20	9.05	9.35	258	0.795	165
XC 35	911cc3500	-	35.0	278 x 0.40	8.40	10.80	10.50	11.10	367	0.565	205
XC 50	911cc5000	-	50.0	399 x 0.40	10.30	12.90	12.60	13.20	518	0.393	260
XC 70	911cc7000	-	70.0	361 x 0.50	12.40	15.00	14.70	15.30	718	0.277	320
XC 95	911cc9500	-	95.0	475 x 0.50	14.30	17.10	16.80	17.40	939	0.210	395
XC 120	911cc9120	-	120	629 x 0.50	16.00	19.00	18.70	19.30	1,231	0.164	470
XC 150	911cc9150	-	150	777 x 0.50	18.00	21.20	20.90	21.50	1,517	0.132	555

Core identification: Replace 'cc' in the article number with 2 digits below to select from available colours

00 Black 11 Brown 22 Red 33 Orange 44 Yellow 55 Green 66 Blue 77 Violet 88 Grey 99 White 29 Pink

Marking Not applicable

Characteristics and key properties

CE	UK CA	RoHS REACH LVD		Current rating IEC 60287	Fluid resistant Water			Halogen free	Smoke free	MBR Fixed = 5x Ø Flexing = 10x Ø
								Temp low -40°C	Temp >20,000 hrs +121°C	

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