


Hi-Flex ZH

HFI 121 XL insulated power cores for flexible use, LSZH
Intended for automotive applications


Description	Conductor					Insulation			Finished Wire		
	Tin Plated Copper (TPC)					Roctech & HFI 121 XL			Weight	Amps	
	Size		Stranding	DC resistance	Wire	Core	Tolerance				
300 / 500V AC U _v /U	AWG	mm ²	# x mm	Ω/km	Nom Ø	Nom Ø	Min Ø	Max Ø	Nom g/m	@ 30°C	Article Number
Hi-Flex 1.0 ZH	-	1.0	Class 5	20.0	1.20	2.50	2.35	2.70	15	30	909cc0100
Hi-Flex 1.5 ZH	-	1.5	Class 5	13.7	1.50	2.85	2.70	3.00	21	39	909cc0150
Hi-Flex 2.5 ZH	-	2.5	Class 5	8.21	1.95	3.45	3.30	3.60	32	55	909cc0250
Hi-Flex 4 ZH	-	4	Class 5	5.09	2.50	4.25	4.10	4.40	49	73	909cc0400
600 / 1000V AC U _v /U	AWG	mm ²	# x mm	Ω/km	Nom Ø	Nom Ø	Min Ø	Max Ø	Nom g/m	@ 30°C	Article Number
Hi-Flex 6 ZH	-	6	Class 6	3.39	3.60	4.85	4.60	5.00	65	98	909cc0600
Hi-Flex 10 ZH	-	10	Class 6	1.95	4.55	6.00	5.80	6.50	105	138	909cc1000
Hi-Flex 16 ZH	-	16	Class 6	1.24	5.70	7.70	7.45	8.30	170	185	909cc1600
Hi-Flex 25 ZH	-	25	Class 6	0.795	7.20	9.50	9.20	10.40	255	250	909cc2500
Hi-Flex 35 ZH	-	35	Class 6	0.565	8.40	11.15	10.70	11.60	420	312	909cc3500
Hi-Flex 50 ZH	-	50	Class 6	0.393	10.30	12.95	12.45	13.50	510	395	909cc5000
Hi-Flex 70 ZH	-	70	Class 6	0.277	12.40	14.80	14.30	15.50	700	496	909cc7000
Hi-Flex 95 ZH	-	95	Class 6	0.210	14.30	17.05	16.50	18.00	940	599	909cc9500
Hi-Flex 120 ZH	-	120	Class 6	0.164	16.00	19.30	18.90	19.70	1,180	713	909cc9120
Hi-Flex 150 ZH	-	150	Class 6	0.132	18.00	20.80	20.20	21.40	1,465	811	909cc9150
Hi-Flex 185 ZH	-	185	Class 6	0.105	20.00	23.30	22.30	24.30	1,820	921	909cc9185
Hi-Flex 240 ZH	-	240	Class 6	0.080	23.00	27.75	26.75	28.75	2,465	1,115	909cc9240
Hi-Flex 300 ZH	-	300	Class 6	0.060	26.00	30.70	29.45	31.95	2,990	1,296	909cc9300
Hi-Flex 400 ZH	-	400	Class 6	0.048	30.00	36.30	35.05	37.55	4,145	1,554	909cc9400

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	-
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Marking: Habia Cable - Article No. - Year-Week - Batch code

Characteristics and key properties

	RoHS 2011/65/EU	REACH EC No. 1907/2006	LVD 2014/35/EU	Halogen free	Low smoke generation	Flame retardant	+140°C High temp
Compliance ISO 6722-1 (sizes 1mm ² to 120mm ²)						Current rating in free air to IEC 60287	-50°C Low temp

Data indicates nominal values in millimetres (mm) unless otherwise stated.

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.