

## Hi-Flex™ ZH-STJ 1

HFI 121 XL insulated & sheathed, shielded single cores for flexible use, LSZH  
Intended for automotive applications








600/1000 V AC

Order reference		Core				Finished cable			Electrical	
Description	Article Number	No. of cores	Tin Plated Copper (TPC)		Roctech / HFI 121 XL	TPC braid	HFI 121 XL	Weight	DC resistance	DC current rating
			Conductor		Insulation	Shield	Sheath			In free air at 30°C
		Lay up	mm²	Nom Ø	Nom Ø	Nom Ø	Nom Ø	Nom g/m	Max Ω/km	Amps
Hi-Flex 6 ZH - STJ 1	700030523	1	6	3.60	4.85	5.45	7.60	115	3.39	98
Hi-Flex 10 ZH - STJ 1	700030524		10	4.55	6.00	6.60	8.60	160	1.95	138
Hi-Flex 16 ZH - STJ 1	700028632		16	5.70	7.70	8.40	10.80	255	1.24	185
Hi-Flex 25 ZH - STJ 1	700030525		25	7.20	9.50	10.20	12.80	370	0.795	250
Hi-Flex 35 ZH - STJ 1	700026906		35	8.40	11.15	11.90	14.50	545	0.565	312
Hi-Flex 50 ZH - STJ 1	700028094		50	10.30	12.95	13.90	16.70	690	0.393	395
Hi-Flex 70 ZH - STJ 1	700030474		70	12.40	14.80	15.70	18.90	915	0.277	496
Hi-Flex 95 ZH - STJ 1	700028633		95	14.30	17.05	18.00	21.20	1,175	0.210	599
Hi-Flex 120 ZH - STJ 1	700028634		120	16.00	19.30	20.20	24.20	1,485	0.164	713

### Cable identification

Core	Black	
Sheath	Orange	
Marking	Habia Cable - Article No. - Year-Week - Batch code	

### Characteristics and key properties

		RoHS REACH LVD		<b>Current rating</b> IEC 60287	<b>Fluid resistant</b> Water		<b>Flame resistant</b> IEC 60332-1-2	<b>Halogen free</b>	<b>Smoke free</b>	<b>MBR</b> Fixed = 4x Ø Flexing = 8x Ø
								<b>Temp low</b> -50°C		<b>Temp peak</b> +150°C

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