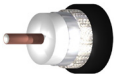
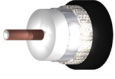


Speedfoam™ HFJ

HFI 90 L dielectric, HFS 80 sheathed low-loss coaxials, LSZH

Intended for use primarily as a transmission line in high frequency applications

Order reference		Core			Finished cable				Electrical			
		Copper (Cu)		Foamed HFI 90 L	Al foil & TPC braid	HFS 80 T	Weight	Fixed MBR	Imp.	Cap.	DC current rating	Voltage
		Stranding	Conductor	Dielectric	Shield/s	Sheath/s					In free air at 40°C	
Description (NSN - if applicable)	Article Number	# x mm	Nom Ø	Nom Ø	Nom Ø	Nom Ø	Nom g/m	mm	Ohms	pF/m	Amps	V AC rms
Speedfoam 195 HFJ	3700019500	Solid	0.95	2.80	F: 3.00 B: 3.51	4.50	30	45	50	84	15	500
Speedfoam 200 HFJ	3700020000	Solid	1.12	2.95	F: 3.07 B: 3.70	4.95	35	50	50	80	18	500
Speedfoam 240 HFJ (6145-01-517-6451)	3700024000	Solid	1.40	3.80	F: 3.90 B: 4.50	6.10	59	60	50	79	24	500
Speedfoam 300 HFJ	3700030000	Solid	1.80	4.80	F: 5.00 B: 5.70	7.60	94	75	50	79	32	500

		Copper Covered Aluminium (CCA)		Foamed HFI 90 L	Al foil & TPC braid	HFS 80 T	Weight	Fixed MBR	Imp.	Cap.	DC current rating	Voltage
		Stranding	Conductor	Dielectric	Shield/s	Sheath/s					In free air at 40°C	
Description (NSN - if applicable)	Article Number	# x mm	Nom Ø	Nom Ø	Nom Ø	Nom Ø	Nom g/m	mm	Ohms	pF/m	Amps	V AC rms
Speedfoam 400 HFJ (6145-99-492-9840)	3700040000	Solid	2.74	7.20	F: 7.35 B: 8.10	10.30	121	100	50	77	55	500
Speedfoam 500 HFJ	3700050000	Solid	3.61	9.40	F: 9.55 B: 10.30	12.70	150	125	50	79	78	500

Attenuation (dB/100m @ 20°C) and power ratings (Watts @ 40°C)

Frequency	Speedfoam 195 HFJ		Speedfoam 200 HFJ		Speedfoam 240 HFJ		Speedfoam 300 HFJ		Speedfoam 400 HFJ		Speedfoam 500 HFJ	
	MHz	dB	W	dB	W	dB	W	dB	W	dB	W	dB
30	7	913	6	1,004	5	1,461	4	2,008	3	3,213	2	4,254
100	13	500	11	550	9	800	7	1,100	5	1,760	4	2,330
400	25	250	22	275	17	400	14	550	9	880	7	1,165
1,000	40	158	35	174	27	253	23	348	15	557	12	737
2,500	63	85	56	100	43	150	37	210	23	330	18	430

Cable identification

Dielectric Natural

Sheath Black

Marking Habia Cable - Description - Article No. - Year-Week - Batchcode

Characteristics and key properties

	RoHS 2011/65/EU	REACH EC No. 1907/2006	LVD 2014/35/EU	Halogen free	Low smoke	Flame retardant	+80°C High temp
	NSN codified					Current rating to IEC 60287	-25°C Low temp

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.