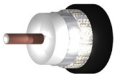
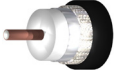


Speedfoam™ XL

HFI 90 L XL dielectric, HFS 105 XL B sheathed low-loss coaxials, LSZH, ruggedised
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 105 XL B	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 XL	3700019502	Solid	0.95	2.80	F: 3.00 B: 3.51	4.50	30	45	50	84	15	500
Speedfoam 200 XL	3700020002	Solid	1.12	2.95	F: 3.07 B: 3.70	4.95	35	50	50	80	18	500
Speedfoam 240 XL	3700024002	Solid	1.40	3.80	F: 3.90 B: 4.50	6.10	59	60	50	79	24	500
Speedfoam 300 XL	3700030002	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 105 XL B	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 XL	3700040002	Solid	2.74	7.20	F: 7.35 B: 8.10	10.30	121	100	50	77	55	500
Speedfoam 500 XL	3700050002	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 MHz	Speedfoam 195 XL		Speedfoam 200 XL		Speedfoam 240 XL		Speedfoam 300 XL		Speedfoam 400 XL		Speedfoam 500 XL	
	dB	W	dB	W	dB	W	dB	W	dB	W	dB	W
30	7	925	6	1,126	5	2,035	4	2,793	3	5,270	2	7,886
100	13	503	11	612	9	1,104	7	1,512	5	2,838	4	4,230
400	25	247	22	301	17	540	14	736	9	1,369	7	2,023
1,000	40	153	35	187	27	333	23	452	15	831	12	1,217
2,500	63	94	56	114	43	203	37	273	23	494	18	715

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	+105°C High temp
							Current rating to IEC 60287

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.