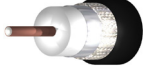
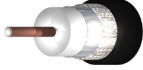


Speedfoam UL

HFI 90 L dielectric, HFS 80 T sheathed low-loss coaxials, certified to UL AWM Style 1375
 Intended for use primarily as a transmission line in high frequency applications


Description		Construction				Finished cable				
Speedfoam UL	Copper (CU)		Foamed HFI 90 L	Al foil & TPC braid	HFS 80 T	Weight	Voltage	Capacitance	Fixed MBR	
	Stranding	Conductor	Dielectric	Shield/s	Sheath/s					
50 Ohms	# x mm	Nom Ø	Nom Ø	Nom Ø	Nom Ø	Nom g/m	V AC	pF/m	mm	Article Number
Speedfoam 195 UL	Solid	0.95	2.80	Foil: 3.00 Braid: 3.51	4.50	30	30	84	45	3700019501
Speedfoam 200 UL	Solid	1.12	2.95	Foil: 3.07 Braid: 3.70	4.95	35	30	80	50	3700020001
Speedfoam 240 UL	Solid	1.40	3.80	Foil: 3.90 Braid: 4.50	6.10	59	30	79	60	3700024001
Speedfoam 300 UL	Solid	1.80	4.80	Foil: 5.00 Braid: 5.70	7.60	94	30	79	75	3700030001
Speedfoam UL	Copper Covered Aluminium (CCA)		Foamed HFI 90 L	Al foil & TPC braid	HFS 80 T	Weight	Voltage	Capacitance	Fixed MBR	
	Stranding	Conductor	Dielectric	Shield/s	Sheath/s					
50 Ohms	# x mm	Nom Ø	Nom Ø	Nom Ø	Nom Ø	Nom g/m	V AC	pF/m	mm	Article Number
Speedfoam 400 UL	Solid	2.74	7.20	Foil: 7.35 Braid: 8.10	10.30	121	30	77	100	3700040001
Speedfoam 500 UL	Solid	3.61	9.40	Foil: 9.55 Braid: 10.30	12.70	150	30	79	125	3700050001

All styles can be produced in a variety of core colours on request. In many instances, standard coaxial cables can be de-rated for use within a UL style.

Attenuation (dB/100m at 20°C)						
Frequency (MHz)	Speedfoam 195 UL	Speedfoam 200 UL	Speedfoam 240 UL	Speedfoam 300 UL	Speedfoam 400 UL	Speedfoam 500 UL
30	7	6	5	4	3	2
100	13	11	9	7	5	4
400	25	22	17	14	9	7
1,000	40	35	27	23	15	12
2,500	63	56	43	37	23	18

Power (Watts at 40°C)						
Frequency (MHz)	Speedfoam 195 UL	Speedfoam 200 UL	Speedfoam 240 UL	Speedfoam 300 UL	Speedfoam 400 UL	Speedfoam 500 UL
30	240	291	441	673	1,247	1,889
100	130	158	239	364	670	1,012
400	64	77	117	177	322	482
1,000	40	48	72	108	195	289
2,500	24	29	44	65	115	169

Cable identification						
Dielectric: Natural						
Sheath: Black						
Sheath marking is optional. UL 758 rules for surface printing will be used if marking is required. Habia Cable can print on diameters of approx. 1.0mm and greater. Marking: Description - Article No. - UL AWM Style - Habia Cable - Production plant - Year-Week - Batchcode						

Characteristics and key properties						
	RoHS 2011/65/EU	REACH EC No. 1907/2006	LVD 2014/35/EU	Halogen free	Low smoke generation	Flame retardant
UL 1375 Certified						+60°C High temp
						-25°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.