


Speedfoam F


HFI 90 L dielectric, HFS 100 sheathed low-loss coaxials, flexible and halogen free
 Intended for use primarily as a transmission line in high frequency applications

Description	Construction					Finished cable				
	Tin Plated Copper (TPC)		Foamed HFI 90 L	Al foil & TPC braid	HFS 100	Weight	Voltage	Capacitance	Fixed MBR	
50 Ohms	Stranding	Conductor	Dielectric	Shield/s	Sheath/s					Nom g/m
Speedfoam 240 F	19 x 0.287	1.43	3.81	Foil: 4.00 Braid: 4.50	5.30	60	500	80	55	3720024000
Speedfoam 400 F	37 x 0.404	2.82	7.24	Foil: 7.39 Braid: 8.13	10.30	150	500	78	100	3720040000

Attenuation (dB/100m at 20°C)		
Frequency (MHz)	Speedfoam 240 F	Speedfoam 400 F
30	13	4.9
100	22	9.6
400	31	13
1,000	47	20
2,500	52	23

Power (Watts at 40°C)		
Frequency (MHz)	Speedfoam 240 F	Speedfoam 400 F
30	1,200	1,498
100	680	830
400	460	580
1,000	300	370
2,500	270	330

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	Flame retardant
						+80°C High temp
						-25°C Low temp

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