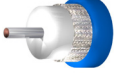


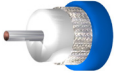
## Flexiform™ HFJ

Premium, re-formable coaxial cables, LSZH sheath

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

Order reference		Core			Finished cable				Electrical			
		Silver Plated Copper (SPC)		PTFE	Tinned braid	HFS 80 T	Weight	Fixed MBR	Imp.	Cap.	DC current rating In free air at 40°C	Voltage
		Stranding	Conductor	Dielectric	Shield/s	Sheath/s						
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
Flexiform 380 HFJ	3100038002	Solid	1.20	3.80	4.50	5.50	69	20	50	94	20	2,400
Flexiform 401 HFJ	3100040102	Solid	1.67	5.31	6.35	7.60	140	40	50	94	31	3,600
Flexiform 402 NM HFJ	3100040205	Solid	0.94	2.95	3.58	4.60	53	10	50	94	15	2,000
Flexiform 405 NM HFJ	3100040505	Solid	0.54	1.68	2.15	3.20	23	6	50	94	7	1,000

		Silver Plated Copper Covered Steel (SCCS)		PTFE	Tinned braid	HFS 80 T	Weight	Fixed MBR	Imp.	Cap.	DC current rating In free air at 40°C	Voltage
		Stranding	Conductor	Dielectric	Shield/s	Sheath/s						
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
Flexiform 402 HFJ	3100040202	Solid	0.94	2.95	3.58	4.60	51	10	50	94	15	2,000
Flexiform 405 HFJ	3100040502	Solid	0.53	1.65	2.15	3.20	23	6	50	94	7	1,000

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

Frequency MHz	Flexiform 380 HFJ		Flexiform 401 HFJ		Flexiform 402 / NM HFJ		Flexiform 405 / NM HFJ	
	dB	W	dB	W	dB	W	dB	W
400	20	346	15	445	25	176	43	75
1,000	32	219	25	270	41	111	70	47
2,000	46	155	38	182	60	79	102	34
3,000	59	127	49	136	77	65	131	28
4,000	70	110	58	117	90	56	153	25
5,000	79	98	66	105	102	50	172	22
6,000	88	89	74	96	113	46	190	20
10,000	120	69	101	74	152	35	249	16
18,000	172	52	147	66	215	26	346	12

### Cable identification

Dielectric Natural

Sheath Blue

Marking Habia Cable - Flexiform ### HFJ - Article No. - Year-Week - Batchcode

### Characteristics and key properties

	RoHS 2011/65/EU	REACH EC No. 1907/2006	LVD 2014/35/EU	Low smoke	Flame retardant	+80°C High temp
				VoP 71%	Current rating to IEC 60287	-40°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.