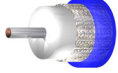
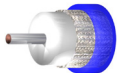


## Flexiform™ FJ

Premium, re-formable, high temperature coaxial cables  
Intended for use primarily as a transmission line in high frequency applications

Order reference		Core		Finished cable					Electrical				
	Description (NSN - if applicable)	Article Number	Silver Plated Copper (SPC)		PTFE	Tinned braid	FEP	Weight	Fixed MBR	Imp.	Cap.	DC current rating	Voltage
			Stranding	Conductor	Dielectric	Shield/s	Sheath/s					In free air at 40°C	
			# x mm	Nom Ø	Nom Ø	Nom Ø	Nom Ø	Nom g/m	mm	Ohms	pF/m	Amps	V AC rms
	Flexiform 220 FJ	3100022001	Solid	0.71	2.20	2.80	3.20	35	14	50	94	18	1,600
	Flexiform 380 FJ	3100038001	Solid	1.20	3.80	4.50	5.05	70	20	50	94	36	2,400
	Flexiform 401 FJ	3100040101	Solid	1.67	5.31	6.35	6.90	130	40	50	94	54	3,600
	Flexiform 402 NM FJ	3100040204	Solid	0.94	2.95	3.58	4.14	48	10	50	94	26	2,000
	Flexiform 405 NM FJ	3100040504	Solid	0.54	1.68	2.15	2.50	18	6	50	94	13	1,000

	Description (NSN - if applicable)	Article Number	Silver Plated Copper Covered Steel (SCCS)		PTFE	Tinned braid	FEP	Weight	Fixed MBR	Imp.	Cap.	DC current rating	Voltage
			Stranding	Conductor	Dielectric	Shield/s	Sheath/s					In free air at 40°C	
			# x mm	Nom Ø	Nom Ø	Nom Ø	Nom Ø	Nom g/m	mm	Ohms	pF/m	Amps	V AC rms
	Flexiform 402 FJ	3100040201	Solid	0.94	2.95	3.58	4.14	48	10	50	94	26	2,000
	Flexiform 405 FJ	3100040501	Solid	0.53	1.65	2.15	2.50	22	6	50	94	13	1,000

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

Frequency	Flexiform 220		Flexiform 380		Flexiform 401		Flexiform 402 / NM		Flexiform 405 / NM	
	MHz	dB	W	dB	W	dB	W	dB	W	dB
400	32	320	20	750	15	1,769	25	686	43	253
1,000	52	199	32	474	25	1,056	41	419	70	157
2,000	80	135	46	330	38	728	60	291	102	110
3,000	99	110	59	269	49	581	77	235	131	89
4,000	116	95	70	233	58	503	90	203	153	77
5,000	128	75	79	208	66	450	102	182	172	69
6,000	142	68	88	190	74	411	113	166	190	63
10,000	190	55	120	147	101	294	152	122	249	47
18,000	270	40	172	110	147	190	215	83	346	33

### Cable identification

Dielectric	Natural	<input type="radio"/>
Sheath	None	<input checked="" type="radio"/>
Marking	Habia Cable - Description - Article No. - Year-Week - Batchcode	

### Characteristics and key properties

	RoHS	REACH	LVD	All-round chemical resistance	Low smoke	Flame retardant	+180°C High temp
	2011/65/EU	EC No. 1907/2006	2014/35/EU				
					VoP 71%	Current rating to IEC 60287	-65°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.