


Flexiform™ L FJ

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

50 Ω

Order reference		Core			Finished cable			Electrical		
		Silver Plated Copper (SPC)		Profiled PTFE	Tinned braid	FEP	Weight	Cap.	DC current rating	Voltage
		Stranding	Conductor	Dielectric	Shield/s	Sheath/s			In free air at 40°C	
Description	Article Number	# x mm	Nom Ø	Nom Ø	Nom Ø	Nom Ø	Nom g/m	pF/m	Amps	V AC rms
Flexiform 401 L FJ	3140040101	Solid	1.88	5.31	6.35	6.90	124	84	60	1,800
Flexiform 402 L FJ	3140040201	Solid	1.03	2.95	3.58	4.14	46	85	28	1,000


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

Frequency	Flexiform 401 L FJ		Flexiform 402 L FJ	
	MHz	dB	W	dB
400	13	2,000	23	740
1,000	22	1,190	38	459
2,000	33	820	55	318
3,000	44	658	71	250
4,000	52	570	82	217
5,000	58	510	92	194
6,000	64	466	101	177

Cable identification

Dielectric	Natural	<input type="radio"/>
Sheath	Blue	<input checked="" type="radio"/>
Marking	Habia Cable - Flexiform ### FJ - Article No. - Year-Week - Batchcode	

Characteristics and key properties

		RoHS REACH LVD	VoP 401 = 79% 402 = 78%	Current rating IEC 60287	Fluid resistant Fuel Oil Water	Flame resistant IEC 60332-1-2	Smoke free IEC 61034-2	MBR 401 = 40mm 402 = 10mm
							Temp low -65°C	Temp peak +180°C

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