


Flexiform™ LX FJ

Standard, 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 LX FJ	3140040124	Solid	1.88	5.31	6.15	6.70	127	84	60	1,800
Flexiform 402 LX FJ	700041779	Solid	1.05	3.00	3.56	4.10	47	86	30	1,000



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

Frequency	Flexiform 401 LX FJ		Flexiform 402 LX FJ	
	MHz	dB	W	dB
400	13	2,000	22	680
1,000	22	1,190	37	413
2,000	33	820	53	287
3,000	44	658	66	232
4,000	52	570	77	200
5,000	58	510	86	178
6,000	64	466	94	163

Cable identification

Dielectric	Natural
Sheath	Blue
Marking	Habia Cable - Flexiform ### FJ - Article No. - Year-Week - Batchcode

Characteristics and key properties

		RoHS REACH LVD	VoP 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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