


Flexiform™ X FJ

Standard, 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)		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 X FJ	40281062010	Solid	1.67	5.31	6.10	6.70	119	94	54	3,600
Flexiform 402 X FJ	3135040201	Solid	0.94	3.00	3.55	4.10	45	94	26	2,000



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

Frequency MHz	Flexiform 401 X FJ		Flexiform 402 X FJ	
	dB	W	dB	W
400	16	1,550	23	636
1,000	25	930	39	386
2,000	37	671	57	268
3,000	45	645	71	217
4,000	52	581	82	187
5,000	59	520	92	167
6,000	65	475	101	152

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 71%	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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