

Flexiform 405 FJ

Premium re-formable coax, high temperature

-65°C/+180°C

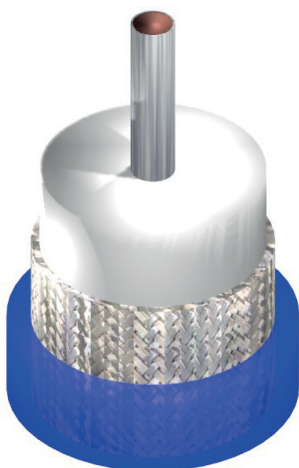
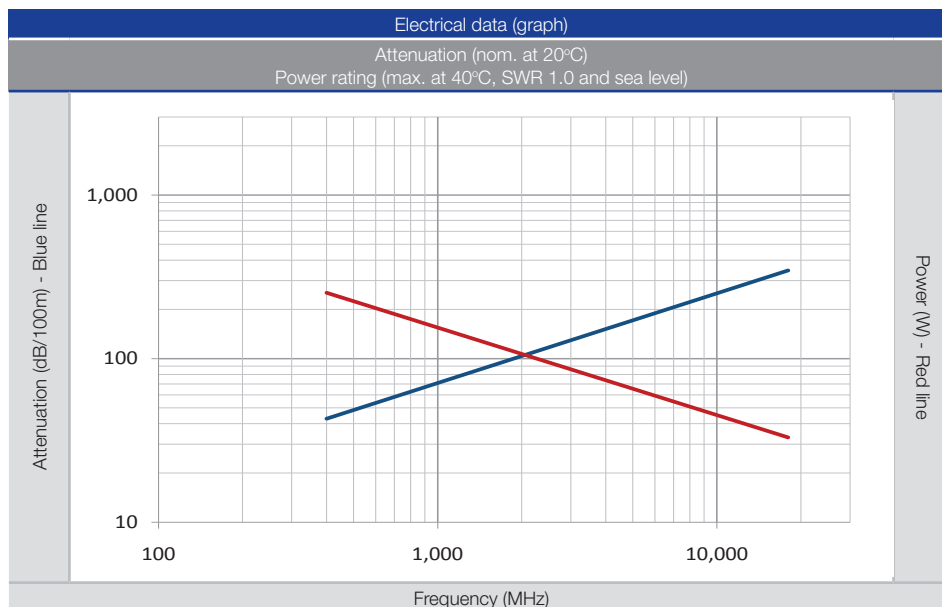
Construction

Conductor	Silver Plated Copper Covered Steel (SCCS) Silver Plated Copper (SPC)	Dielectric	PTFE	Frequency range	Up to 18 GHz
Screen	Tin-soaked, Tin Plated Copper (T)	Sheath	FEP	Vp	71%
Colour code	Natural	Sheath	Blue-transparent		
Marking	Habia Cable - Type - Article Number - Year-Week - Batchcode e.g.: Habia Cable - Flexiform 405 FJ - 3100040501 - 2015-W14 - 152011001				

Description	Construction						Electrical			MBR	Article Number
	conductor material	conductor Ø	dielectric Ø	shield/s Ø	sheath/s Ø	weight g/m	V AC rms	imp. Ω	cap. pF/m		
Flexiform 405 FJ	SCCS	0.53	1.65	2.15	2.50	22	1,500	50	94	6	3100040501
Flexiform 405 NM FJ	SPC	0.54	1.68			18					

Electrical data		
Frequency (MHz)	Attenuation (dB/100m)	Power (W)
400	43	253
1,000	70	157
2,000	102	110
3,000	131	89
4,000	153	77
5,000	172	69
6,000	190	63
10,000	249	47
18,000	346	33

Attenuation data at 20°C
Power data at 40°C



Application

A reformable alternative to semi-rigid coaxes, Flexiform is the original, premium spec. coaxial to offer the unique ability to be hand-formed with no special tooling required. The tin-soaked braid offers outstanding shielding properties whilst the non-magnetic conductor improves performance with regard to Passive Inter-Modulation (PIM). The high temperature sheath maintains the small size and high power ratings for the coax. A standard specification version (Flexiform X FJ) is also available.

- Flame retardant: IEC 60332-1-2, IEC 60332-3-24 and UL 1581 VW-1
- Smoke generation: IEC 61034-2
- Screening efficiency: 110dB