

Flexiform 402 L HFJ

Premium low loss, re-formable coax, LSZH sheath

-40°C/+80°C

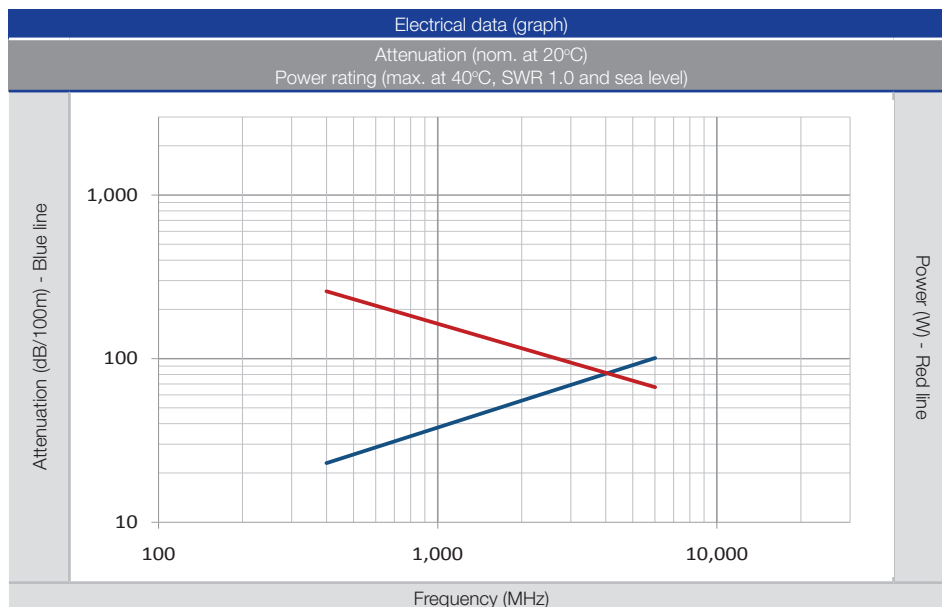
Construction

Conductor	Solid, silver plated copper (SPC)	Dielectric	Profile-extruded PTFE	Frequency range	Up to 6 GHz
Screen	Tin-soaked, Tin plated copper (T)	Sheath	HFS 80 T	Vp	78%
Colour code	Natural			Sheath	Blue
Marking	Habia Cable - Type - Article Number - Year-Week - Batchcode e.g.: Habia Cable - Flexiform 402 L HFJ - 3140040205 - 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 402 L HFJ	SPC	1.038	2.95	3.58	4.60	48	1,000	50	85	10	3140040205

Electrical data		
Frequency (MHz)	Attenuation (dB/100m)	Power (W)
400	23	258
1,000	38	163
2,000	55	115
3,000	71	94
4,000	82	82
5,000	92	73
6,000	101	67
10,000	-	-
18,000	-	-

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



Application

Habia Cable has developed a low loss variant of Flexiform 401 and Flexiform 402. Using a profiled dielectric, the Flexiform L range has an attenuation approximately 7% less than the standard Flexiform range. This gives a phase stable, high performance coaxial cable with little dimensional trade off and no additional cost. A flame retardant, Low Smoke Zero Halogen (LSZH) sheath enables use in a wide variety of applications. A standard specification version (Flexiform LX HFJ) is also available.

- Flame retardant: IEC 60332-1-2
- Smoke generation: IEC 61034-2
- Screening efficiency: 110dB
- Variant designs available