

Flexiform 401

Premium re-formable coax

-65°C/+180°C

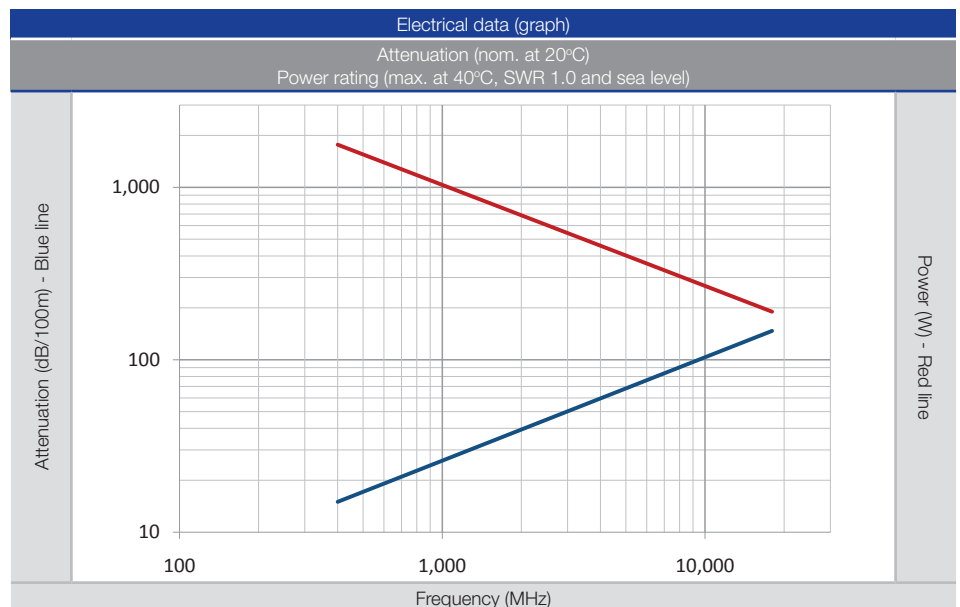
Construction

Conductor	Silver Plated Copper (SPC)	Dielectric	PTFE	Frequency range	Up to 18 GHz
Screen	Tin-soaked, Tin Plated Copper (T)	Sheath	-	Vp	71%
Colour code	Natural	Sheath	-		
Marking	Habia Cable - Type - Article Number - Year-Week - Batchcode e.g.: Habia Cable - Flexiform 401 - 3100040100 - 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	installed	
Flexiform 401	SPC	1.675	5.31	6.35	-	110	2,500	50	94	40	3100040100

Electrical data		
Frequency (MHz)	Attenuation (dB/100m)	Power (W)
400	15	1,769
1,000	25	1,056
2,000	38	728
3,000	49	581
4,000	58	503
5,000	66	450
6,000	74	411
10,000	101	294
18,000	147	190

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). As with a true semi-rigid coax, the tinned screen provides an impermeable barrier, eliminating the necessity for a sheath.

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