

Flexiform 405

Premium re-formable coax

-65°C/+180°C

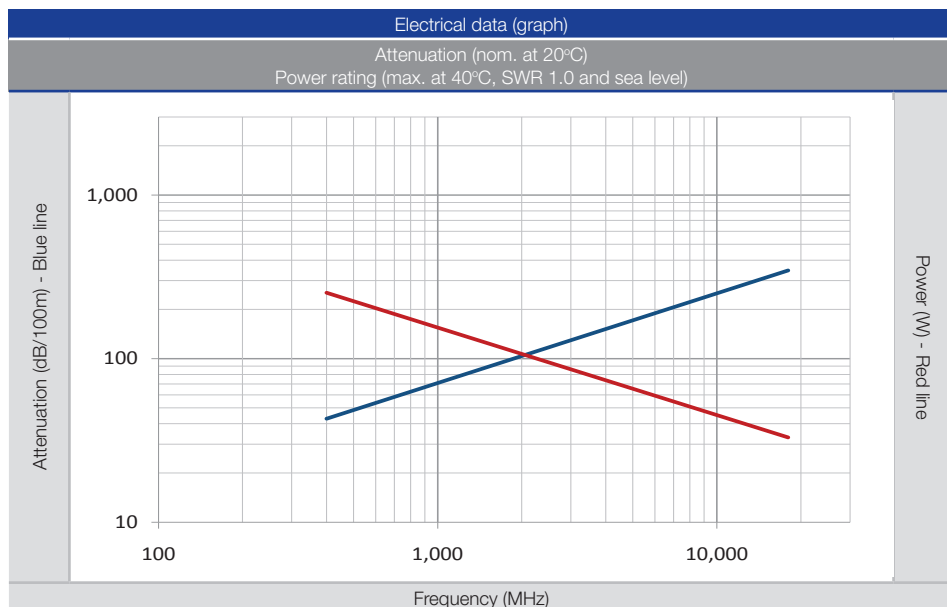
Construction

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	-	Vp	71%
Colour code	Natural	Sheath	-		
Marking	Habia Cable - Type - Article Number - Year-Week - Batchcode e.g.: Habia Cable - Flexiform 405 - 3100040500 - 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	SCCS	0.53	1.65	2.15	-	16	1,500	50	94	6	3100040500 3100040503
Flexiform 405 NM	SPC	0.54	1.68			17					

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). 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