

Flexiform 380 LXF FJ

Standard low loss, re-formable coax, high temperature

-65°C/+180°C

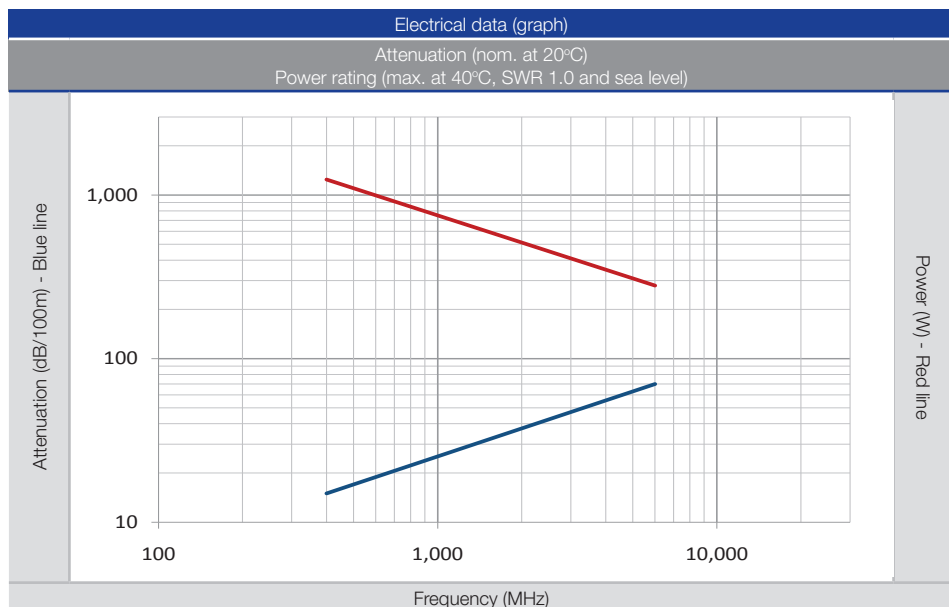
Construction

Conductor	Silver Plated Copper (SPC)	Dielectric	Profile-extruded PTFE	Frequency range	Up to 6 GHz
Screen	Copper foil tape (F) Tin-soaked, Tin Plated Copper (T)	Sheath	FEP	Vp	80%
Colour code	Natural	Sheath	Blue-transparent		
Marking	Habia Cable - Type - Article Number - Year-Week - Batchcode e.g.: Habia Cable - Flexiform 380 LXF FJ - 3140038008 - 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 380 LXF FJ	SPC	1.376	3.85	(F) 3.92 (T) 4.40	5.05	65	1,200	50	83	20	3140038008

Electrical data		
Frequency (MHz)	Attenuation (dB/100m)	Power (W)
400	15	1,245
1,000	24	765
2,000	35	525
3,000	45	420
4,000	55	355
5,000	65	310
6,000	70	280
10,000	-	-
18,000	-	-

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



Application

Flexiform LXF coaxes offer considerably improved electrical performance with attenuation in the region of 20% better than the standard Flexiform. There is a small reduction in the number / severity of the flexing that can be achieved, however installation is still considerably easier than for a true semi-rigid. A high temperature sheath ensures that the power ratings remain high.

- 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