

## mBend Cable Assembly

mBend cable assembly is flexible and preassembled type coaxial connections in systems. Designed for internal point-to-point interconnections where RF module have limited. It can bending the cable immediately adjacent to the connectors. The Series cable assembly boasts impressive pull strength of 20 lbs(9 kg). Working frequency up to 50GHz with 2.4mm Connectors. It is 100% tested to ensure the highest quality performance.

### Benefits:

- Applicable in frequencies up to 50GHz
- 100% tested preassembled coaxial cable assembly
- Excelent bending phase, amplitude stability
- Stainless steel outer shield, high tensile strength
- Triple shielding structure, good insulation
- Bending at random and maintaining shape stability
- Stainless steel soldering-free connector

### Applications

- Point-to-point interconnection between RF modules
- Interconnection between boards
- Flexible replacement for semi-rigid assemblies
- Test & Measurement
- Phased array radar
- Radar and electronic warfare systems
- Defence

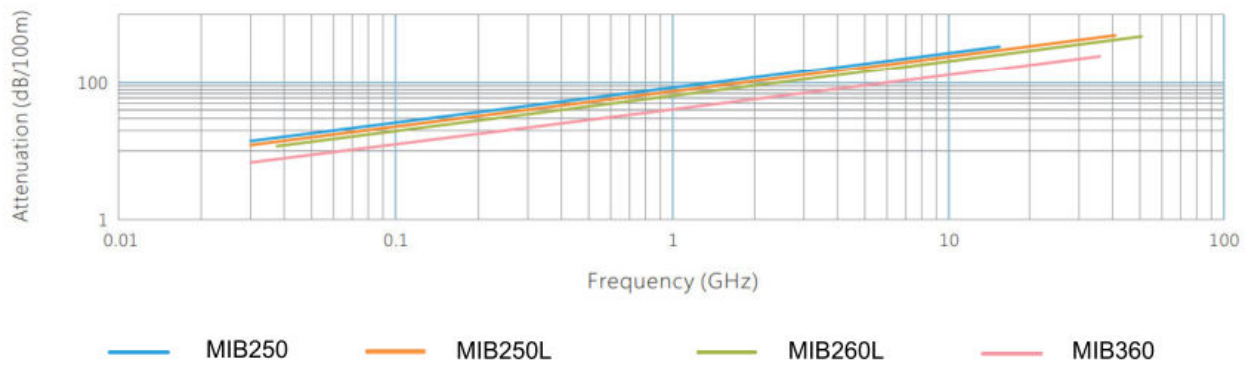


## Optional Cable and connectors

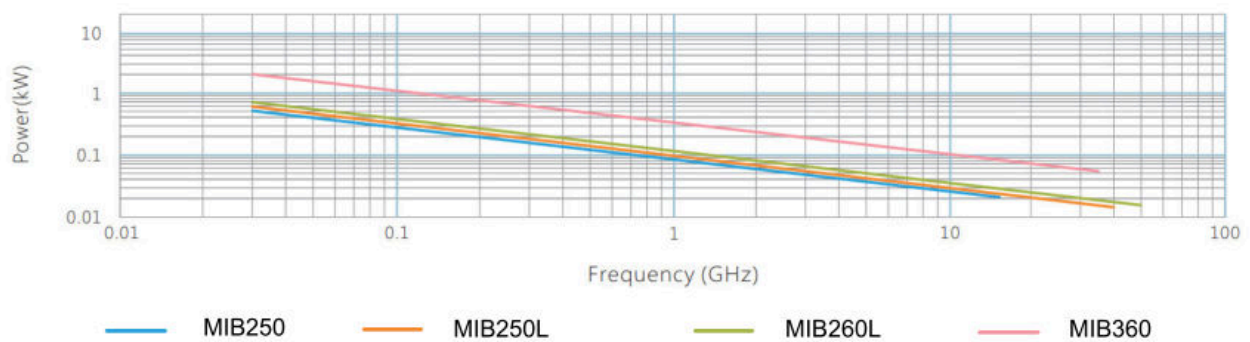
Connector Type	Gender type	MIB-250	MIB-250L	MIB-260L	MIB-360	Operating Frequency(GHz)	Typical VSWR	Max VSWR
SMA	male	●	●	●	●	26.5	1.25	1.30
	female	●	●			18	1.25	1.30
2.92mm	male	●	●	●		40	1.30	1.35
	female	●	●	●		40	1.30	1.35
2.4mm	male			●		50	1.35	1.40
	female			●		50	1.35	1.40

### Typical Cable Test Data:

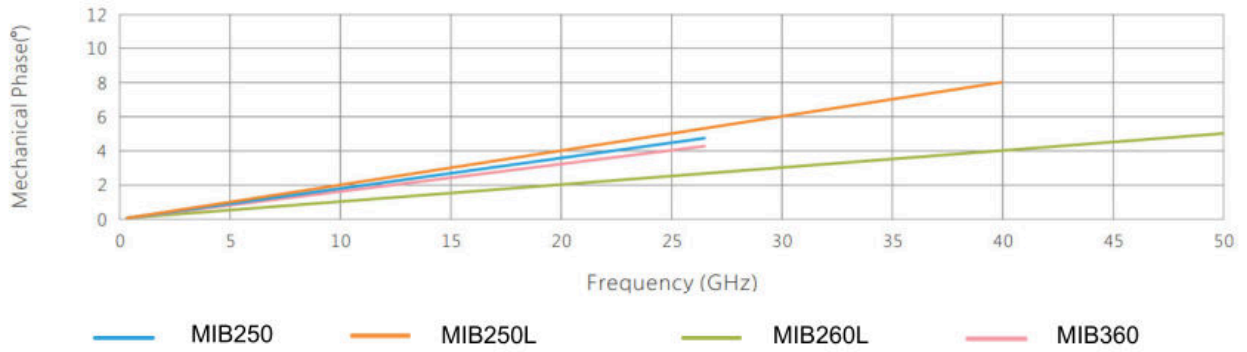
#### Frequency & Attenuation



#### Frequency & Power



### Mechanical Phase Stability (Rotate for one cycle along the minimum repeated)



### Mechanical Amplitude Stability (Rotate for one cycle along the minimum repeated)

