

### Features

- TVAC Compatible
- High Power Handling
- Good VSWR
- Compact
- Low Cost

Our new 099 Series of system top-launch waveguide adapters combine the best features of our wide range of WG to coax adapters to offer the recognised Flann quality in an unbeatable package.

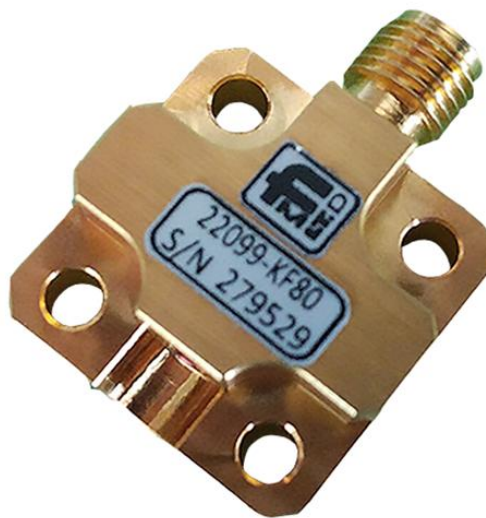
With good VSWR across the full waveguide band, the new compact adapter is perfect for a wide range of applications where size, mass and cost are critical. TVAC compatibility and high-power handling comes as standard, with simple adaptability to include Low PIM features possible.

Currently available from 9.84 to 40 GHz with a K-type coaxial connector.

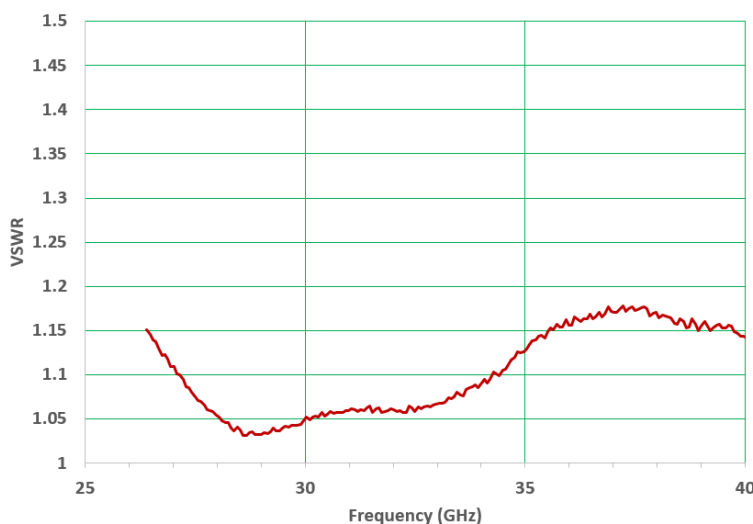
Improved VSWR models available on request.

### Related Products

- |                 |  |
|-----------------|--|
| Series 093/094: | Standard full-band top-launch          |
| Series 373:     | Standard full-band end-launch          |
| Series 097:     | High power top-launch                  |
| Series 377:     | High power end-launch                  |
| Series 098:     | Low passive intermodulation top-launch |
| Series 378:     | Low passive intermodulation end-launch |
| Series 096:     | Very low VSWR top-launch APC-7         |
| Series 377:     | High power end-launch                  |



Model 22099-KF80



Typical VSWR Model 22099-KF80



### Specifications

Model	Waveguide			Frequency (GHz)	VSWR (better than)	Dimensions (mm)			Coaxial Connector
	WG	R	WR			A	B	C	
17099-KF80	17	120	75	9.84-15.0	1.20	TBC	TBC	TBC	K (f)
17099-KM80	17	120	75	9.84-15.0	1.20	TBC	TBC	TBC	K (m)
18099-KF80	18	140	62	11.9-18.0	1.20	TBC	TBC	TBC	K (f)
18099-KM80	18	140	62	11.9-18.0	1.20	TBC	TBC	TBC	K (m)
19099-KF80	19	180	51	14.5-22.0	1.20	8.2	18.0	21.0	K (f)
19099-KM80	19	180	51	14.5-22.0	1.20	8.2	18.0	22.0	K (m)
20099-KF80	20	220	42	17.6-26.7	1.20	6.7	13.0	17.7	K (f)
20099-KM80	20	220	42	17.6-26.7	1.20	6.7	13.0	18.7	K (m)
21099-KF80	21	260	34	21.7-33.0	1.20	5.5	12.0	17.1	K (f)
21099-KM80	21	260	34	21.7-33.0	1.20	5.5	12.0	18.1	K (m)
22099-KF80	22	320	28	26.4-40.1	1.20	4.1	8.5	16.1	K (f)
22099-KM80	22	320	28	26.4-40.1	1.20	4.1	8.5	17.1	K (m)

Examples of models available

### Custom Design

Examples are for popular sizes but custom designs are possible for specific applications. Please contact the Sales Team for more information [sales@flann.com](mailto:sales@flann.com)

### Ordering Information

Model	Series	-	Flange
WG17 – WG22	099		See flann.com

### Environmental Specification

Optimum operating temperature: -40 to +85 °C