

Waveguide to 1.85mm V Connector®* Coax Adaptor Series 093/094 - VF and VM

Features

- Low Cost
- Low VSWR
- Models Available in 3 bands from 33GHz
- Male or Female Connectors Available
- 1.85mm V Connector®*
- Two Grades Available

V Connector®* - 1.85mm

Series 094-VF(M)50: see table below

Series 093-VF(M)50: VSWR 1.4:1 Max economy range

Flann's range of 1.85mm waveguide to coax adaptors now cover bands within the 33 to 72GHz frequency range; typical return loss >23dB

By using state-of-the-art design tools and CAD/CAM manufacturing technology, both cost and lead time have been minimised.

The Flann adaptors fitted with 1.85mm coax connectors incorporate a split pin centre conductor providing excellent reliability and repeatability; these adaptors can also be integrated with filters, couplers, attenuators and antennas.

The model illustrated above is a 25094-VF50, fitted with a standard UG-385/U flange.



Model 25094-VF50

Please contact our sales office with your requirements for all waveguide to coax adaptors.

If you cannot find a suitable waveguide to coax adaptor in our extensive range we are able to design a model to your specific needs.

Model	Waveguide			Frequency Range (GHz)	VSWR Max	Dimensions (mm)			Model
	WG	R	WR			A	B	C	
23094 - VF50	23	400	22	33.0 to 50.0	1.30	24.00	29.00	16.60	23094 - VF50
23094 - VM50	23	40	22	33.0 to 50.0	1.30	24.00	29.00	21.20	23094 - VM50
24094 - VF50	24	500	19	39.3 to 60.0	1.30	20.00	25.00	14.50	24094 - VF50
24094 - VM50	24	500	19	39.3 to 60.0	1.30	20.00	25.00	19.10	24094 - VM50
25094 - VF50	25	620	15	50.0 to 65.0	1.25	30.40	35.00	14.50	25094 - VF50
25094 - VM50	25	620	15	50.0 to 65.0	1.25	30.40	35.00	19.10	25094 - VM50

ORDERING INFORMATION

Adaptor, waveguide to coax, precision V female

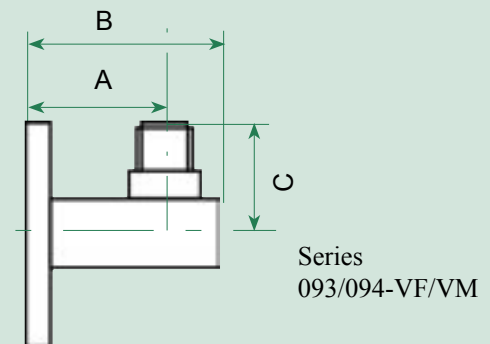
Model: frequency band and adaptor type suffix; description

Example: Model 24094-VF50 Waveguide to 1.85 female coax adaptor (frequency range 39.3 to 60 GHz, VSWR 1.30)

Adaptor, waveguide to coax, precision V male

Model: frequency band and adaptor type suffix; description

Example: Model 25094-VM50 Waveguide to 1.85 male coax adaptor (frequency range 50 to 65 GHz, VSWR 1.25)



* V Connector® is a registered trademark of the Anritsu Corporation

For standard flange types and recommendations see pages 108 onwards