Series Waveguide –1.85VF/ VM

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

The Series 1.85 mm 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 WG516582, fitted with a standard UG-385/U flange.

Please contact our Sales Team with your requirements for all waveguide to coax adaptors.

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

Electrical Specifications

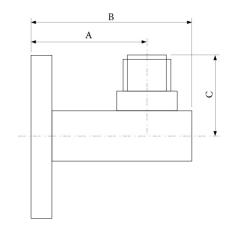| Model	Connector Type	Frequency Range	Waveguide			VSWR	Dimensions(Brass)		
			WG	R	WR		A	B	C
WG516573	VF50	33.0 to 50.0 GHz	23	400	22	1.40	24.0	29.0	16.6
WG516574	VF50	33.0 to 50.0 GHz	23	400	22	1.30	24.0	29.0	16.6
WG516575	VM50	33.0 to 50.0 GHz	23	400	22	1.30	24.0	29.0	21.2
WG516576	VM50	33.0 to 50.0 GHz	23	400	22	1.30	24.0	29.0	21.2
WG516577	VF50	39.3 to 60.0 GHz	24	500	19	1.40	20.0	25.0	14.5
WG516578	VF50	39.3 to 60.0 GHz	24	500	19	1.30	20.0	25.0	14.5
WG516579	VM50	39.3 to 60.0 GHz	24	500	19	1.30	20.0	25.0	19.3
WG516580	VM50	39.3 to 60.0 GHz	24	500	19	1.30	20.0	25.0	19.3
WG516581	VF50	50.0 to 67.0 GHz	25	620	15	1.30	30.4	35.0	14.4
WG516582	VF50	50.0 to 67.0 GHz	25	620	15	1.25	30.4	35.0	14.4
WG516583	VM50	50.0 to 67.0 GHz	25	620	15	1.30	30.4	35.0	19.2
WG516584	VM50	50.0 to 67.0 GHz	25	620	15	1.25	30.4	35.0	19.2

Ordering Information:

Model: description
Example: Model WG516578 Waveguide to 1.85 female coax adaptor (frequency range 39.3 GHz to 60 GHz, VSWR 1.30)
Adaptor, waveguide to coax, precision V male
Model: description
Example: Model WG516584 Waveguide to 1.85 male coax adaptor (frequency range 50 GHz to 67 GHz, VSWR 1.25)

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