

Waveguide to K Type Coax Adaptors

Series 093 - KF/KM and 094-KF

Features

- Low VSWR
- Models up to 40 GHz
- Manufactured from Brass or *Aluminium

The new Series 093 KF/KM and 094-KF range of Waveguide to Coax Adaptors feature an improved mechanical design offering greater durability and reliability. Minor dimensional changes may have been incorporated; please contact our Sales Office for further information if available space is limited.

Adaptors in this range are fitted with Precision 'K' type connectors and are available for frequency ranges up to 40 GHz. Narrowband models, specifically optimised and offering reduced VSWR, are also available. Male and Female connectors are offered, see table below for full details.



Model	Waveguide			Frequency Range	VSWR Max	*Dimensions (Brass)			Model
	WG	R	WR			A	B	C	
19094-KF20	19	180	51	14.500 - 22.000	1.10	36.5	44.5	17.0	19094-KF20
19093-KF20	19	180	51	14.500 - 22.000	1.20	36.5	44.5	17.0	19093-KF20
19093-KM20	19	180	51	14.500 - 22.000	1.20	36.5	44.5	17.0	19093-KM20
20094-KF20	20	220	42	17.600 - 26.700	1.10	29.0	37.0	16.0	20094-KF20
20093-KF20	20	220	42	17.600 - 26.700	1.20	29.0	37.0	16.0	20093-KF20
20093-KM20	20	220	42	17.600 - 26.700	1.20	29.0	37.0	16.0	20093-KM20
20093-KF21	20	220	42	21.200 - 23.600	1.10	29.0	37.0	16.0	20093-KF21
21094-KF20	21	260	34	21.700 - 33.000	1.15	29.0	37.0	16.0	21094-KF20
21093-KF20	21	260	34	21.700 - 33.000	1.25	29.0	37.0	16.0	21093-KF20
21093-KM20	21	260	34	21.700 - 33.000	1.25	29.0	37.0	16.0	21093-KM20
21093-KF22	21	260	24	24.500 - 27.000	1.10	29.0	37.0	16.0	21093-KF22
22094-KF20	22	320	28	26.400 - 40.100	1.15	28.5	36.5	16.0	22094-KF20
22093-KF20	22	320	28	26.400 - 40.100	1.20	28.5	36.5	16.0	22093-KF20
22093-KM20	22	320	28	26.400 - 40.100	1.20	28.5	36.5	16.0	22093-KM20
22093-KF21	22	320	28	28.000 - 28.700	1.15	28.5	36.5	16.0	22093-KF21
22093-KF22	22	320	28	37.000 - 39.500	1.10	28.5	36.5	16.0	22093-KF22
22093-KF23	22	320	28	27.000 - 29.500	1.10	28.5	36.5	16.0	22093-KF23
22093-KF24**	22	320	28	40.500 - 42.500	1.30	29.5	36.5	16.0	22093-KF24*

** This adaptor is a special model optimised for use outside the frequency band.

ORDERING INFORMATION

Adaptor, Waveguide to Coax, Precision K Female

Model: Frequency band and adaptor type suffix; Description

Example: Model 22094-KF20 Waveguide to K type female coax adaptor
(Frequency Range 26.4 to 40.1 GHz, VSWR 1.15)

Adaptor, Waveguide to Coax, Precision K Male

Model: Frequency band and adaptor type suffix; Description

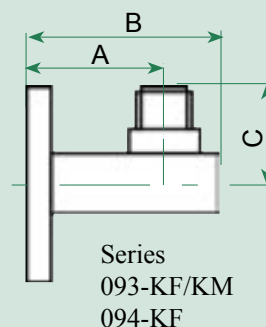
Example: Model 20093-KM20 Waveguide to K Type male coax adaptor
(Frequency Range 17.6 to 26.7 GHz, VSWR 1.20)

Models optimised for narrowband applications are also available - details on request.

If the adaptor is required to be manufactured in aluminium please suffix the order information with \AL

Example: Model 20093-KM20\AL

*Note The dimensions of aluminium adaptors may vary from those manufactured in brass.



For standard flange types and recommendations see pages 108 onwards