

Flange to Flange Waveguide Straights, Adaptors and Spacers series 441 / 445

Manufactured in:-

- Brass
- Copper
- Aluminium

The Flann Series 441/445 of Waveguide Straights and Flange to Flange Adaptors are available in waveguide bands from 1.14 GHz to 173 GHz.

The overall length and flange types fitted at each end, must be specified at time of enquiry.

Note: Waveguide Straights are supplied fitted with Flann standard flanges unless otherwise specified by the customer. See page 108 for standard flange types and recommendations.

Customers requiring precision waveguide sections offering greater aperture and length dimensional accuracy are requested to refer to the Waveguide Calibration Kit section, (starting on page 96) for details.



Model
17441-140

Model 17441-120, fitted with a non standard flange type PDR 120 and a standard flange, 120mm long

Waveguide Straights and Flange to Flange Adaptors

Model	Frequency range (GHz)	Waveguide		
		WG	R	WR
06441	1.14 - 1.73	6	14	650
08441	1.72 - 2.61	8	22	430
10441	2.60 - 3.95	10	32	284
11A441	3.30 - 4.90	11A	40	229
12441	3.94 - 5.99	12	48	187
13441	4.64 - 7.05	13	58	159
14441	5.38 - 8.18	14	70	137
15441	6.58 - 10.0	15	84	112
16441	8.20 - 12.5	16	100	90
17441	9.84 - 15.0	17	120	75
18441	11.9 - 18.0	18	140	62
19441	14.5 - 22.0	19	180	51
20441	17.6 - 26.7	20	220	42
22441	26.4 - 40.1	22	320	28
23441	33.0 - 50.1	23	400	22
24441	39.3 - 59.7	24	500	19
25441	49.9 - 75.8	25	620	15
26441	60.5 - 92.0	26	740	12
27441	73.8 - 112	27	900	10
28441	92.3 - 140.0	28	1200	8
29441	114.0 - 173.0	29	1400	6

Waveguide Spacers

Model	Frequency range (GHz)	Waveguide		
		WG	R	WR
16445	8.20 - 12.5	16	100	90
17445	9.84 - 15.0	17	120	75
18445	11.9 - 18.0	18	140	62
19445	14.5 - 22.0	19	180	51
20445	17.6 - 26.7	20	220	42
22445	26.4 - 40.1	22	320	28
23445	33.0 - 50.1	23	400	22
24445	39.3 - 59.7	24	500	19
25445	49.9 - 75.8	25	620	15
26445	60.5 - 92.0	26	740	12
27445	73.8 - 112	27	900	10
28445	92.3 - 140.0	28	1200	8
29445	114.0 - 173.0	29	1400	6



Model 22445-10

Model 22445-5

For standard flange types and recommendations see pages 108 onwards

ORDERING INFORMATION

Model: Overall Length: Input Flange Type: Output Flange Type: Description

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

Straights / Adaptors - Series 441

Example: Model 22441-120-UG599/U. UBR 320 WG flange to flange Adaptor, 120 mm long, flange UG599/U. And PBR 320

Spacers - Series 445

Example: Model 22445-5-UG599/U WG22 Spacer, 5mm long, flange detail: UG.599/U

Series 441/445