



Features

- Low VSWR
- E Plane Models – Series 460
- H Plane Models – Series 470
- Brass or Aluminium
- 90° Standard; 30° 45° & 60° Available



Model 22460

Flann Waveguide Bends are available in E and H plane configuration with an angle of 90°. Bends of 30°, 45° and 60° can be supplied to special order. Bends in the range WG10 to WG19 inclusive utilise a mitred casting with a VSWR typically better than 1.05.

Bends from WG20 to WG28 inclusive are sections of waveguide which are precisely bent to the required angle with a VSWR of typically 1.05 to 1.10 depending

ORDERING INFORMATION
 Model: Bend Angle Suffix; Description
 Example: Model 23460-45 45° waveguide bend.
 WG23, 45°, E plane bend

Bend Angle (°)	Suffix
90	90
60	60
45	45
30	30

Series 460/470

FLANN MICROWAVE LTD.

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Model	Frequency Range (GHz)	Waveguide			VSWR Max	Dimension (A)	Weight (kg) Brass
		WG	R	WR			
10460 10470	2.60 - 3.95	10	32	284	1.05	100	2.5
11A460 11A470	3.22 - 4.9	11A	40	229	1.05	90	1.05
12460 12470	3.94 - 5.99	12	48	187	1.05	80	1.05
13460 13470	4.64 - 7.05	13	58	159	1.05	75	0.90
14460 14470	5.38 - 8.18	14	70	137	1.05	70	0.66
15460 15470	6.58 - 10.0	15	84	112	1.05	60	0.31
16460 16470	8.20 - 12.5	16	100	90	1.05	50	0.20
17460 17470	9.84 - 15.0	17	120	75	1.05	40	0.18
18460 18470	11.9 - 18.0	18	140	62	1.05	30	0.12
19460 19470	14.5 - 22.0	19	180	51	1.1	30	0.09
20460 20470	17.6 - 26.7	20	220	42	1.05	38	0.05
21460 21470	21.7 - 33.0	21	260	34	1.06	38	0.045
22460 22470	26.4 - 40.1	22	320	28	1.06	38	0.035
23460 23470	33.0 - 50.1	23	400	22	1.06	28	0.045
24460 24470	39.3 - 59.7	24	500	19	1.06	28	0.045
25460 25470	49.9 - 75.8	25	620	15	1.07	21	0.025
26460 26470	60.5 - 92.0	26	740	12	1.08	21	0.025
27460 27470	73.8 - 112	27	900	10	1.09	21	0.025
28460 28470	92.3 - 140	28	1200	8	1.10	21	0.020
29460 29470	114 - 173	29	1400	6	1.12	Dimensions available on request	
30460 30470	145 - 220	30	1800	5	Specifications/dimensions available on request		
31460 31470	172 - 261	31	2200	4			
32460 32470	217 - 330	32	2600	3			

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