

## **Waveguide Twists Series 450**



## Features

- Manufactured from Brass or Aluminium
- Low VSWR
- Right and Left Hand Models Available
- Models from 2.60 GHz to 330 GHz

a) 90° left hand (standard)

c) 90° right hand

b) 45° left hand

d) 45° right hand

Flann Twists are manufactured from sections of standard waveguide which have been precisely twisted whilst maintaining the internal waveguide dimensions. Standard models are 90° left hand twists. Other configurations are available to special order, including:

Model	Frequency Range (GHz)	Waveguide		Dimension A (mm)		VSWR (max)	Weight (kg)
10450	2.60 - 3.95	10	32	284			
11A450	3.22 - 4.90	11A	40	229			
12450	3.94 - 5.99	12	48	187	Specification/dimensions available on request		
13450	4.64 - 7.05	13	58	159			
14450	5.38 - 8.18	14	70	137			
15450	6.58 - 10.0	15	84	112	187	1.03	0.45
16450	8.20 - 12.5	16	100	90	150	1.03	0.25
17450	9.84 - 15.0	17	120	75	150	1.03	0.20
18450	11.9 - 18.0	18	140	62	150	1.03	0.14
19450	14.5 - 22.0	19	180	51	120	1.03	0.10
20450	17.6 - 26.7	20	220	42	85	1.03	0.06

21450	21.7 - 33.0	21	260	34	85	1.055	0.05
22450	26.4 - 40.1	22	320	28	54	1.035	0.035
23450	33.0 - 50.1	23	400	22	54	1.06	0.035
24450	39.3 - 59.7	24	500	19	54	1.06	0.035
25450	49.9 - 75.8	25	620	15	46	1.07	0.045
26450	60.5 - 92.0	26	740	12	46	1.08	0.025
27450	73.8 - 112.0	27	900	10	42	1.09	0.025
28450	92.3 - 140	28	1200	8	42	1.07	0.025
29450	114 - 173	29	1400	6			
30450	145 - 220	30	1800	5			
31450	172 - 261	31	2200	4			
32450	217 - 330	32	2600	3			

Specifications/dimensions available on request

