

Waveguide Twists

Series 450

Features

- **Manufactured from Brass or Aluminium**
- **Low VSWR**
- **Right and Left Hand Models Available**
- **Models from 3.3 to 140 GHz**

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:

- 90° left hand (standard)
- 90° right hand
- 45° left hand
- 45° right hand

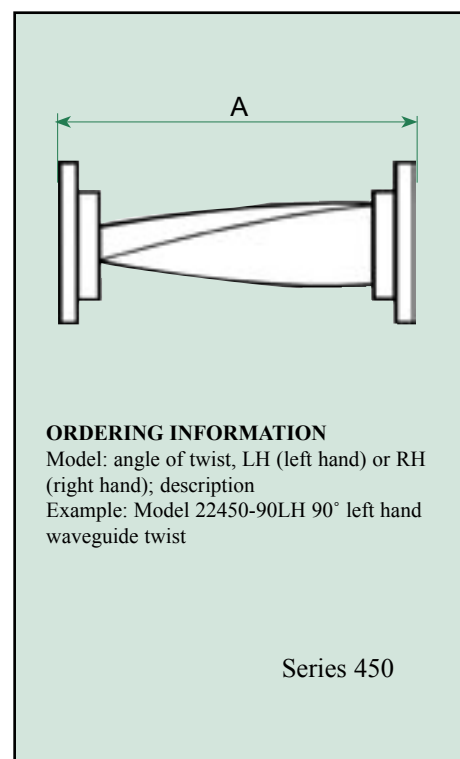


Model 24450 - 90LH



Model 21450-90LH

Model	Waveguide			Frequency Range (GHz)	Dimension A (mm)	VSWR (max)	Weight (kg)
	WG	R	WR				
11A450	11A	40	229	2.60 - 3.95	On Request		
12450	12	48	187	3.94 - 5.99			
13450	13	58	159	3.94 - 5.99			
14450	14	70	137	5.38 - 8.18			
15450	15	84	112	6.58 - 10.0	187	1.03	0.45
16450	16	100	90	8.20 - 12.5	150	1.03	0.25
17450	17	120	75	9.84 - 15.0	150	1.03	0.20
18450	18	140	62	11.9 - 18.0	150	1.03	0.14
19450	19	180	51	14.5 - 22.0	120	1.03	0.10
20450	20	220	42	17.6 - 26.7	85	1.03	0.06
21450	21	260	34	21.7 - 33.0	85	1.055	0.05
22450	22	320	28	26.4 - 40.1	54	1.035	0.035
23450	23	400	22	33.0 - 50.1	54	1.06	0.035
24450	24	500	19	39.3 - 59.7	54	1.06	0.035
25450	25	620	15	49.9 - 75.8	46	1.07	0.045
26450	26	740	12	60.5 - 92.0	46	1.08	0.025
27450	27	900	10	73.8 - 112.0	42	1.09	0.025
28450	28	1200	8	92.3 - 140	42	1.07	0.025



For standard flange types and recommendations see pages 108 onwards