

Synergy Telecom P Ltd.

Flex-Twist Rectangular Waveguide

Applications:

The waveguide is used in a wide variety of microwave communication (especially in the outdoor project), and satellite communications transmission.

Characteristics:

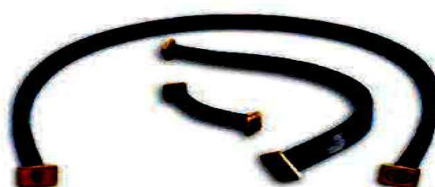
The waveguide is flexible and twistable. It has stable transmission capability, low VSWR and attenuation. In the allowable range the performance is excellent during flexing and twisting.

Flange:

IEC, E.I.A

Jacket:

A jacket will provide environmental and mechanical protection to the precision performance core as well as mechanical support, such as silicon rubber, polyester, vulcanize rubber.



Technic index:

Type	E.I.A	Freq(GHz)	VSWR	Attenuation (dB/m)	Average Power(Kw)	Inner size(mm)	Max Twist (deg/m)	Min Bend Radius(mm)	
								E-Bend	H-Bend
BRA-58	WR159	4.900~7.050	1.10	0.25	2.50	40.39×20.19	170	129	258
		5.725~6.425	1.05						
BRA-70	WR137	5.850~8.200	1.10	0.30	2.00	34.85×15.80	205	100	200
		5.850~6.425	1.05						
		6.425~7.125	1.05						
		7.125~7.725	1.05						
BRA-84	WR112	7.725~8.200	1.05						
		7.050~10.00	1.10	0.40	1.20	28.50×12.60	262	76	152
		7.125~7.725	1.05						
BRA-100	WR90	7.725~8.500	1.05						
		8.200~12.40	1.10	0.45	0.96	22.86×10.16	308	66	120
		10.70~11.70	1.05						
BRA-120	WR75	10.00~15.00	1.15	0.65	0.75	19.85×9.525	430	64	120
		12.75~13.25	1.10						
		13.75~14.50	1.10						
BRA-140	WR62	12.40~18.00	1.15	0.95	0.40	15.80×7.900	436	54	105
BRA-220	WR42	17.70~26.50	1.25	2.78	0.10	10.67×4.320	510	41	78

13-15 RPS flats, E-block, Vikaspuri, N Delhi-110018, India
 Phone-91 11 28533349, Mobile-91 98101 38894, Fax -91 11 2853 1435,
 E-mail : pradeep@rfconnectorhouse.com, Website : <http://www.rfconnector.info/>