

Flex-Twist Rectangular Waveguide



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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.

Jacket:

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

Flange:

IEC、E.I.A

Technical Data:

Model No.	E.I.A	Freq (GHz)	VSWR (Max)	Attenuation (dB/m)	Average Power (Kw)	Inner size(mm)	Max Twist (deg/m)	Min Bend Radius(mm)	
								E-Bend	H-Bend
HX-FWA-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						
HX-FWA-70	WR137	5.85-8.200	1.10	0.30	2.00	38.85×15.80	205	100	200
		5.850-6.425	1.05						
		6.425-7.125	1.05						
		7.125-7.725	1.05						
HX-FWA-70	WR112	7.725-8.2	1.05				262	76	152
		7.050-10.00	1.10	0.40	1.20	28.5×12.6			
		7.125-7.725	1.05						
HX-FWA-100	WR90	7.725-8.500	1.05				308	66	120
		8.200-12.40	1.10	0.45	0.96	22.86×10.16			
		10.70-11.70	1.05						
HX-FWA-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						
HX-FWA-140	WR62	12.40-18.00	1.15	0.95	0.40	15.80×7.900	436	54	105
HX-FWA-220	WR42	17.70-26.50	1.25	2.78	0.10	10.67×4.320	510	41	78