

### Elliptical Waveguide



Standard Models

P/N	Frequency Range (GHz)	VSWR	Attenuation (dB/100m)	Group Delay (ns/100m)	Peak Power (KW)	Dimensions (mm)	Weight (Kg/m)	Bend Radius (mm) Min.	
								E-Bend	H-Bend
WE26-XX	2.5-2.7	1.30	2	423	460	108.4x61.3	2.5	600	1500
WE38-XX	3.4-4.2	1.15	3.6(3.4GHz)	419	310	82.6x47.4	1.7	340	840
			2.6(4.2GHz)						
WE48-XX	4.4-5.0	1.15	4.7(4.4GHz)	413	190	72x42	1.4	300	750
			3.8(5.0GHz)						
WE54-XX	5.0-6.0	1.15	5.3(5.0GHz)	413	150	58.5x38	1	240	580
			4.3(6.0GHz)						
WE62-XX	5.925-7.125	1.15	5.2(5.9GHz)	411	102	52x30	0.85	220	550
			4.5(7.1GHz)						
WE80-XX	7.125-8.5	1.15	6.3(7.1GHz)	415	60	44.8x27.6	0.72	200	520
			5.6(8.2GHz)						
WE90-XX	8.6-10.0	1.20	11.2(8.6GHz)	405	40	34x24	0.6	160	350
			9.5(10.0GHz)						
WE110-XX	10.7-11.7	1.20	10.3(10.7GHz)	405	35	33x21	0.5	150	300
			9.8(11.7GHz)						
WE120-XX	10.95-12.75	1.25	10	415	35	29x15	0.4	150	300
WE130-XX	12.275-13.25	1.15	11.4(12.2GHz)	414	30	29.5x14.5	0.4	150	300
			11.2(13.2GHz)						
WE148-XX	14.0-15.35	1.25	16.5(14.0GHz)	425	20	25.3x16	0.34	150	350
			15.5(15.4GHz)						
WE188-XX	17.7-19.7	1.30	20.5(17.7GHz)	416	7	23.6x16.1	0.22	150	380
			19.0(19.7GHz)						

### Ordering Information

P/N:

**WE26** - **200**  
Product Code      Length (mm)

**Example:** WE26-200 is an elliptical waveguide, Length is 200mm.

Note:

1. Customization is available;
2. For detailed information of each elliptical waveguide, please visit the website: [www.ainfoinc.com](http://www.ainfoinc.com).

AINFO manufactures wide variety of elliptical waveguide assemblies specially designed for every customers unique requirements. Elliptical Waveguide can be assembled with many types of flange. We also offer many other special configurations, length and hole size to meet special requirements.