



Elliptical Waveguide



Part No: HD-188EWAL

1.0 Mechanical Specifications		
1.1	Waveguide Type	Elliptical Waveguide for WR62/WR42
1.2	Conductor Material	Corrugated Copper
1.3	Jacket Material	PE
1.4	Minimum Bend Radius (E Plane)	150 mm
1.5	Minimum Bend Radius (H Plane)	300 mm
1.6	External Diameter	23.6×16.1 mm
1.7	Weight	0.22 kg/m
1.8	Operating Temp Range	-40°C ~ +65°C
1.9	Storage Temp Range	-55°C ~ +85°C
2.0 Electrical Specifications		
2.1	Frequency Range	17.7-19.7 GHz
2.2	VSWR (Max)	1.25
2.3	Attenuation (dB/100 m) (Max)	20.5@17.7GHz 19.0@19.7GHz
2.4	Power Handling	7 kW (Peak)
3.0 Outline Drawing (for reference only)		



Revision History

Date	Revision	Changes
25-Mar-2006	1	First release

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Email: market@hdmicrowave.com

www.hdmicrowave.com