



Elliptical Waveguide



Part No: HD-62EWAL

1.0	Mechanical Specifications	
1.1	Waveguide Type	Elliptical Waveguide for WR137
1.2	Conductor Material	Corrugated Copper
1.3	Jacket Material	PE
1.4	Minimum Bend Radius (E Plane)	220 mm
1.5	Minimum Bend Radius (H Plane)	550 mm
1.6	External Diameter	52.0×30.0 mm
1.7	Weight	0.85 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	5.925-7.125 GHz
2.2	VSWR (Max)	1.15
2.3	Attenuation (dB/100 m) (Max)	5.2@5.85GHz 4.5@7.125GHz
2.4	Power Handling	102 kW (Peak)
3.0	Outline Drawing (for reference only)	



Revision History

Date	Revision	Changes
25-Mar-2008	1	First release

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