



Elliptical Waveguide



Part No: HD-85EWAL

1.0	Mechanical Specifications	
1.1	Waveguide Type	Elliptical Waveguide for WR112
1.2	Conductor Material	Corrugated Copper
1.3	Jacket Material	PE
1.4	Minimum Bend Radius (E Plane)	200 mm
1.5	Minimum Bend Radius (H Plane)	520 mm
1.6	External Diameter	40.5x25 mm
1.7	Weight	0.71 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	8.2-8.8 GHz
2.2	VSWR (Max)	1.10
2.3	Attenuation (dB/100 m) (Max)	6.5@8.2GHz 6.1@8.5GHz
2.4	Power Handling	55 kW (Peak)
3.0	Outline Drawing	



Revision History

Date	Revision	Changes
25-Mar-2008	1	First release

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