



## Elliptical Waveguide



Part No: HD-38EWAL

<b>1.0</b>	<b>Mechanical Specifications</b>	
1.1	Waveguide Type	Elliptical Waveguide for WR229
1.2	Conductor Material	Corrugated Copper
1.3	Jacket Material	PE
1.4	Minimum Bend Radius (E Plane)	340 mm
1.5	Minimum Bend Radius (H Plane)	840 mm
1.6	External Diameter	82.6×47.4 mm
1.7	Weight	1.7 kg/m
1.8	Operating Temp Range	-40°C ~ +65°C
1.9	Storage Temp Range	-55°C ~ +85°C
<b>2.0</b>	<b>Electrical Specifications</b>	
2.1	Frequency Range	3.4-4.2 GHz
2.2	VSWR (Max)	1.15
2.3	Attenuation (dB/100 m) (Max)	3.6@3.4GHz 2.6@4.2GHz
2.4	Power Handling (Max)	310 kW (Peak)
<b>3.0</b>	<b>Outline Drawing (for reference only)</b>	



### Revision History

Date	Revision	Changes
25-Mar-2008	1	First release

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