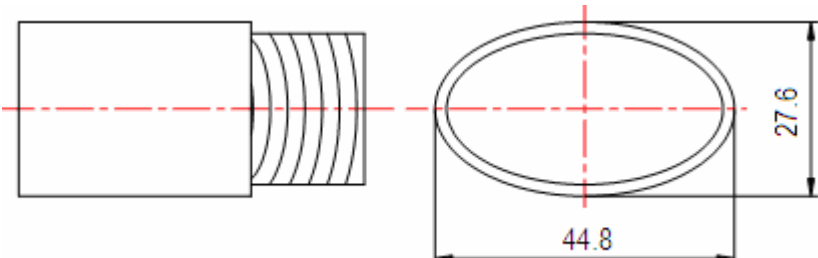




Elliptical Waveguide

Part No: VT80EWAL

1.0 Mechanical Specifications		
1.1	Waveguide Type	Elliptical Waveguide for WR137
1.2	Conductor Material	Corrugated Copper
1.3	Jacket Material	Black Polyethylene
1.4	Min Bend Radius (E Plane)	200 mm
1.5	Min Bend Radius (H Plane)	520 mm
1.6	External Diameter	44.8×27.6 mm
1.7	Weight	0.72 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	7.125-8.5 GHz
2.2	VSWR (Max)	1.08
2.3	Attenuation (dB/100 m) (Max)	6.3@7.1GHz 5.6@8.2GHz
2.4	Power Handling	60 kW (Peak)
3.0 Outline Drawing (for reference only)		
		



Revision History

Date	Revision	Changes
25-Aug-2013	1	First release

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