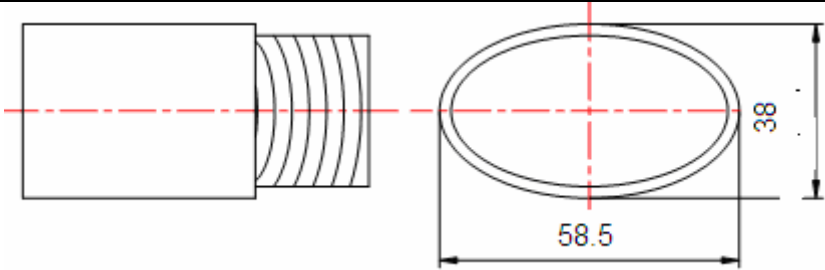




Elliptical Waveguide

Part No: VT54EWAL

1.0 Mechanical Specifications		
1.1	Waveguide Type	Elliptical Waveguide for WR159
1.2	Conductor Material	Corrugated Copper
1.3	Jacket Material	Black Polyethylene
1.4	Min Bend Radius (E Plane)	240 mm
1.5	Min Bend Radius (H Plane)	580 mm
1.6	External Diameter	58.5×38 mm
1.7	Weight	1.0 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	5.0-6.0 GHz
2.2	VSWR (Max)	1.10
2.3	Attenuation (dB/100 m) (Max)	5.3@5.0GHz 4.3@6.0GHz
2.4	Power Handling	150 kW (Peak)
3.0 Outline Drawing (for reference only)		
		



Revision History

Date	Revision	Changes
25-Aug-2013	1	First release

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