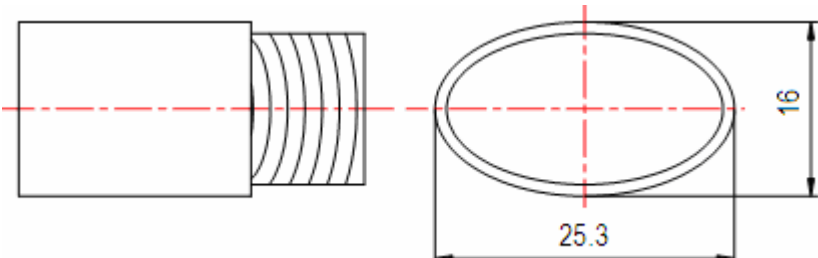




Elliptical Waveguide

Part No: VT148EWAL

1.0 Mechanical Specifications		
1.1	Waveguide Type	Elliptical Waveguide for WR62
1.2	Conductor Material	Corrugated Copper
1.3	Jacket Material	Black Polyethylene
1.4	Min Bend Radius (E Plane)	150 mm
1.5	Min Bend Radius (H Plane)	350 mm
1.6	External Diameter	25.3×16 mm
1.7	Weight	0.34 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	14.0-15.35 GHz
2.2	VSWR (Max)	1.20
2.3	Attenuation (dB/100 m) (Max)	16.5@14.0GHz 15.5@15.4GHz
2.4	Power Handling	20 kW (Peak)
3.0 Outline Drawing (for reference only)		
		



Revision History

Date	Revision	Changes
25-Aug-2013	1	First release

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