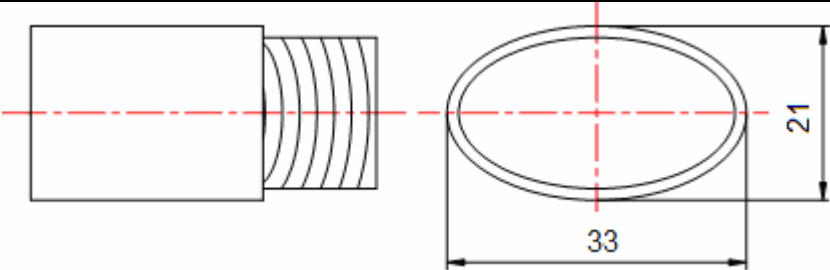




## Elliptical Waveguide

Part No: VT110EWAL

<b>1.0 Mechanical Specifications</b>	
1.1	Waveguide Type Elliptical Waveguide for WR90
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) 300 mm
1.6	External Diameter 33×21 mm
1.7	Weight 0.5 kg/m
1.8	Operating Temp Range -40°C ~ +65°C
1.9	Storage Temp Range -55°C ~ +85°C
<b>2.0 Electrical Specifications</b>	
2.1	Frequency Range 10.7-11.7 GHz
2.2	VSWR (Max) 1.15
2.3	Attenuation (dB/100 m) (Max) 10.3@10.7GHz 9.8@11.7GHz
2.4	Power Handling 35 kW (Peak)
<b>3.0 Outline Drawing (for reference only)</b>	
	



## Revision History

Date	Revision	Changes
25-Aug-2013	1	First release

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