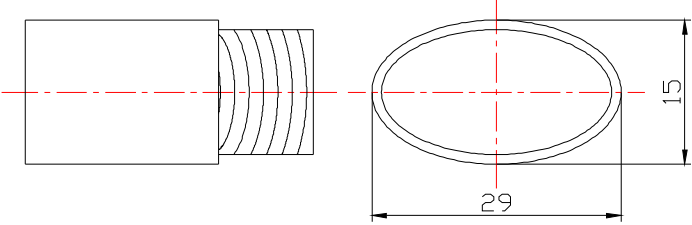




Elliptical Waveguide

Part No: VT120EWAL

| 1.0 Mechanical Specifications | | |
|--|------------------------------|-------------------------------|
| 1.1 | Waveguide type | Elliptical Waveguide for WR75 |
| 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 | 29×15 mm |
| 1.7 | Weight | 0.4 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 | 10.95-12.75 GHz |
| 2.2 | VSWR (Max) | 1.20 |
| 2.3 | Attenuation (dB/100 m) (Max) | 10 |
| 2.4 | Power Handling | 35 kW (Peak) |
| 3.0 Outline Drawing (for reference only) | | |
|  | | |



Revision History

| Date | Revision | Changes |
|-------------|----------|---------------|
| 25-Aug-2013 | 1 | First release |

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