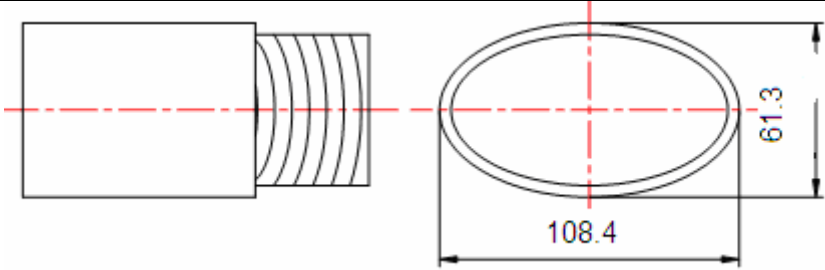




## Elliptical Waveguide

Part No: VT26EWAL

|  |   |                                |
|--|---|--------------------------------|
| <b>1.0</b>   | <b>Mechanical Specifications</b>            |                                |
| 1.1  | Waveguide Type                              | Elliptical Waveguide for WR340 |
| 1.2  | Conductor Material                          | Corrugated Copper              |
| 1.3  | Jacket Material                             | Black Polyethylene             |
| 1.4  | Min Bend Radius (E Plane)                   | 600 mm                         |
| 1.5  | Min Bend Radius (H Plane)                   | 1500 mm                        |
| 1.6  | External Diameter                           | 108.4×61.3 mm                  |
| 1.7  | Weight                                      | 2.5kg/m                        |
| 1.8  | Operating Temp Range                        | -40°C ~ +65°C                  |
| 1.9  | Storage Temp Range                          | -55°C ~ +85°C                  |
| <b>2.0</b>   | <b>Electrical Specifications</b>            |                                |
| 2.1  | Frequency Range                             | 2.5-2.7 GHz                    |
| 2.2  | VSWR (Max)                                  | 1.25                           |
| 2.3  | Attenuation (dB/100 m) (Max)                | 2                              |
| 2.4  | Power Handling                              | 460 kW (Peak)                  |
| <b>3.0</b>   | <b>Outline Drawing (for reference only)</b> |                                |
|  |   |                                |



## Revision History

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

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