

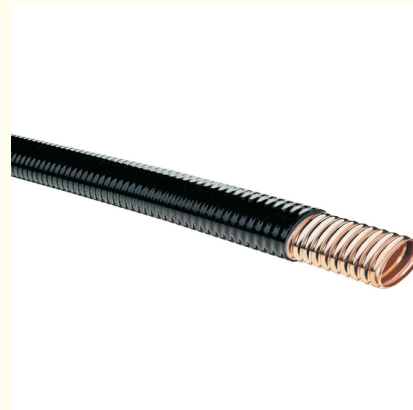


Premium Elliptical Waveguide Brass Inner Black PE Outer

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Famous
- Certification: CE ISO9001
- Model Number: Elliptical Waveguide
- Minimum Order Quantity: 1 SET
- Price: Negotiable
- Packaging Details: Standard export packaging/customizable packaging
- Payment Terms: T/T L/C



Product Specification

- Features: Low VSWR, Low Loss
- Name: Elliptical Waveguide
- Inner: Brass
- Outer: Black PE
- Application: Radar, Satellite Earth Stations
- Highlight: **Premium Elliptical Waveguide, Brass Inner Elliptical Waveguide, Black PE Outer Elliptical Waveguide**

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Product Description

Features and Benefits

We offers a complete selection of microwave connectivity accessories to optimize your backhaul installation and performance. Elliptical waveguides are the recommended transmission lines for microwave systems operating between 1.7 GHz and 23.6 GHz, with an elliptical cross section ideal for minimizing VSWR and eliminating signal distortion. Optimized for the lowest loss in significant user bands, with significantly lower attenuation than standard rectangular waveguide, which provides efficient signal transfer and optimum system performance.

Applications

Dolph Microwave's elliptical waveguide and transition solutions are indispensable in a multitude of settings:

Telecommunications: Enhancing signal transmission in cellular and broadband networks.

Radar Systems: Providing reliable signal pathways in air traffic control and maritime navigation.

Satellite Communications: Ensuring clear and stable connections for satellite uplink and downlink.

Research and Development: Supporting cutting-edge scientific research requiring precise microwave transmission.

Military Applications: Offering durable and reliable communication lines in various defense systems.

Elliptical Waveguide

Construction -Inner:Brass -Outer:Black PE	
Features -Low VSWR,Low loss -Long length transport and install	-Good flexible -Corrosion resistance,Radiation
Application -Radar,Satellite earth stations -Microwave relay,Broadcast	

Environmental Specifications

Attenuation, Ambient Temperature	23.886 °C 75 °F
Average Power, Ambient Temperature	39.996 °C 104 °F
Average Power, Temperature Rise	5.555 °C 42 °F



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