



Fixed Tuned Brass Elliptical Waveguide Connector Long Service Life

Our Product Introduction

Basic Information

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



Product Specification

- Name: Waveguide Connectors
- Highlight: **Fixed Tuned Elliptical Waveguide Connector ,
Brass Elliptical Waveguide Connector ,
Long Service Life Elliptical Waveguide
Connector**

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Product Description

Features and Benefits

Waveguide connectors are tapered through multistep transitions that adjust their shape in stages from elliptical to the rectangular shape of industry-standard waveguide flanges. Each connector has a pressure inlet to allow the connection of pressurization equipment. Made of brass to provide long service life and compatibility with metals used in the waveguide itself.

Offered connector types:

Fixed tuned waveguide connectors
Waveguide splices

Product Classification

Product Type	Elliptical waveguide connector
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General Specifications

Attachment Method	Tab-flare Tool-flare
Body Style	Straight, fixed-tuned Straight, non-tunable
Inner Contact Plating	Unplated
Interface	CPR112G CPR137G CPR159G CPR187G CPR229G CPR90G PBR100 PBR120 PBR140 PBR220 PBR320 PBR48 PBR70 PBR84 PDR100 PDR120 PDR140 PDR180 PDR40 PDR48 PDR70 PDR84 UG-149/U UG-344/U UG-39/U UG-51/U UG-541/U UG-595/U WR75 Cover
Outer Contact Plating	Unplated
Pressurizable	Yes

Dimensions

Waveguide Size	WR112 WG15 R84 WR137 WG14 R70 WR159 WG13 R58 WR187 WG12 R48 WR229 WG11 R40 WR42 WG20 R220 WR51 WG19 R180 WR62 WG18 R140 WR75 WG17 R120 WR90 WG16 R100
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Electrical Specifications

Insertion Loss, typical	0.01 dB
Operating Frequency Band	10.2 – 11.7 GHz 7.125 – 7.75 GHz 6.425 – 7.75 GHz 5.925 – 7.125 GHz 5.725 – 7.125 GHz 5.6 – 6.425 GHz 5.0 – 6.425 GHz 7.125 – 8.5 GHz 4.4 – 5.0 GHz 21.2 – 23.6 GHz 17.7 – 19.7 GHz 14.0 – 15.35 GHz 13.75 – 14.50 GHz 11.7 – 13.25 GHz 10.7 – 11.7 GHz 3.4 – 4.2 GHz 8.5 – 9.8 GHz

Material Specifications

Material Type	Brass
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Environmental Specifications

Operating Temperature	-55 °C to +85 °C (-67 °F to +185 °F)
Storage Temperature	-55 °C to +85 °C (-67 °F to +185 °F)