



Fixed-tuned UG-344/U for elliptical waveguide 63

Product Classification

**Product Type** Elliptical waveguide connector

General Specifications

**Attachment Method** Tab-flare | Tool-flare  
**Body Style** Straight, fixed-tuned  
**Inner Contact Plating** Unplated  
**Interface** UG-344/U  
**Outer Contact Plating** Unplated  
**Pressurizable** Yes

Dimensions

**Width** 85.852 mm | 3.38 in  
**Length** 85.344 mm | 3.36 in  
**Transition Length** 52.832 mm | 2.08 in  
**Waveguide Size** WR137 | WG14 | R70

Electrical Specifications

**Insertion Loss, typical** 0.01 dB  
**Operating Frequency Band** 5.925 – 7.125 GHz  
**Peak Power at Frequency, maximum** 102.00 kW @ 6.78 GHz

Material Specifications

**Material Type** Brass

Environmental Specifications

# 1635C

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

## Packaging and Weights

Weight, net	1.7 kg   3.748 lb
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## Regulatory Compliance/Certifications

Agency	Classification
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system



## \* Footnotes

Insertion Loss, typical	0.05√freq (GHz) (not applicable for elliptical waveguide)
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