



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

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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