



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

# 1635C

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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)

## Packaging and Weights

**Weight, net** 1.7 kg | 3.748 lb

## Regulatory Compliance/Certifications

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

## \* Footnotes

**Insertion Loss, typical**  $0.05\sqrt{\text{freq}}$  (GHz) (not applicable for elliptical waveguide)