



Fixed-tuned UG-541/U for elliptical waveguide 132

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-541/U
Outer Contact Plating Unplated
Pressurizable Yes

Dimensions

Width 53.34 mm | 2.1 in
Length 73.66 mm | 2.9 in
Transition Length 39.116 mm | 1.54 in
Waveguide Size WR62 | WG18 | R140

Electrical Specifications

Insertion Loss, typical 0.01 dB
Operating Frequency Band 14.0 – 15.35 GHz
Peak Power at Frequency, maximum 22.80 kW @ 14.70 GHz

Material Specifications

Material Type Brass

Environmental Specifications

1132SC

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 0.7 kg | 1.543 lb

Regulatory Compliance/Certifications

Agency

ISO 9001:2015



Classification

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)