Fixed-tuned WR75 Pressurizable Cover Flange for elliptical waveguide 127

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
WR75 Cover

Outer Contact Plating
Unplated

Pressurizable
Yes

Dimensions

Width
57.404 mm | 2.26 in

Length
72.39 mm | 2.85 in

Transition Length
39.37 mm | 1.55 in

Waveguide Size
WR75 | WG17 | R120

Electrical Specifications

Insertion Loss, typical
0.01 dB

Operating Frequency Band
11.7 – 13.25 GHz

Peak Power at Frequency, maximum
34.00 kW @ 12.70 GHz

Material Specifications

Material Type
Brass

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: 0.7 kg | 1.543 lb

Regulatory Compliance/Certifications
Agency | Classification
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CHINA-ROHS | Below maximum concentration value
ISO 9001:2015 | Designed, manufactured and/or distributed under this quality management system
REACH-SVHC | Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS | Compliant

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