

Fixed-tuned WR75 Pressurizable Cover Flange for elliptical waveguide 127

Elliptical waveguide connector

# Product Classification

Product Type

# 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

	0.01 00
Operating Frequency Band	11.7 – 13.25 GHz
Peak Power at Frequency, maximum	34.00 kW @ 12.70 GHz

### Material Specifications

Material Type

Brass

Page 1 of 2

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# 1127SC

## **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
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
UK-ROHS	Compliant



#### \* Footnotes

**Insertion Loss, typical** 0.05√<sup>-</sup>freq (GHz) (not applicable for elliptical waveguide)

Page 2 of 2

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