

Fixed-tuned WR75 Pressurizable Cover Flange for elliptical waveguide 90

## 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	72.39 mm   2.85 in	
Length	78.994 mm   3.11 in	
Transition Length	44.45 mm   1.75 in	
Waveguide Size	WR75   WG17   R120	
Electrical Specifications		
In a state of the		

Insertion Loss, typical	0.01 dB
Operating Frequency Band	10.7 – 11.7 GHz
Peak Power at Frequency, maximum	11.20 kW @ 30.80 GHz
Matarial Spacifications	

#### Material Specifications

Material Type

Brass

Elliptical waveguide connector

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# 290SC

### **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	0.9 kg   1.984 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√<sup>-</sup>freq (GHz) (not applicable for elliptical waveguide)

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