290SC



Fixed-tuned WR75 Pressurizable Cover Flange for elliptical waveguide 90

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	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		
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	
Material Specifications		
Material Type	Brass	
Environmental Specifications		

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)

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Weight, net

Packaging and Weights

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√⁻freq (GHz) (not applicable for elliptical waveguide)

