

2905C



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

2905C

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 $0.05\sqrt{\text{freq}}$ (GHz) (not applicable for elliptical waveguide)