

Fixed-tuned PDR120 for elliptical waveguide 132

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 PDR120

Outer Contact Plating Unplated

Pressurizable Yes

Dimensions

Width 2.06 in | 52.324 mm

Length 2.78 in | 70.612 mm

Transition Length 1.43 in | 36.322 mm

Waveguide Size WR75 | WG17 | R120

Electrical Specifications

Insertion Loss, typical 0.01 dB

Operating Frequency Band 13.75 – 14.50 GHz

Peak Power at Frequency, maximum 36.60 kW @ 14.70 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 0.56 kg | 1.235 lb

2132SEM

Regulatory Compliance/Certifications

Agency

ISO 9001:2015



Classification

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)