

# 2132SEM

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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** 52.324 mm | 2.06 in

**Length** 70.612 mm | 2.78 in

**Transition Length** 36.322 mm | 1.43 in

**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

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## Regulatory Compliance/Certifications

| Agency        | Classification   |
|---------------|--|
| ISO 9001:2015 | Designed, manufactured and/or distributed under this quality management system |

## \* Footnotes

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