



Fixed-tuned PBR140 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** PBR140  
**Outer Contact Plating** Unplated  
**Pressurizable** Yes

## Dimensions

**Width** 53.34 mm | 2.1 in  
**Length** 73.66 mm | 2.9 in  
**Transition Length** 39.116 mm | 1.54 in  
**Waveguide Size** WR62 | WG18 | R140

## Electrical Specifications

**Insertion Loss, typical** 0.01 dB  
**Operating Frequency Band** 14.0 – 15.35 GHz  
**Peak Power at Frequency, maximum** 22.80 kW @ 14.70 GHz

## Material Specifications

**Material Type** Brass

## Environmental Specifications

# 1132SCM

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**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** 0.7 kg | 1.543 lb

## Regulatory Compliance/Certifications

### Agency

ISO 9001:2015

REACH-SVHC

ROHS



### Classification

Designed, manufactured and/or distributed under this quality management system

Compliant as per SVHC revision on [www.commscope.com/ProductCompliance](http://www.commscope.com/ProductCompliance)

Compliant

## \* Footnotes

**Insertion Loss, typical**  $0.05\sqrt{\text{freq}}$  (GHz) (not applicable for elliptical waveguide)