

# 1220ASCM

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Fixed-tuned PBR220 for elliptical waveguide 220

## 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** PBR220

**Outer Contact Plating** Unplated

**Pressurizable** Yes

## Dimensions

**Width** 39.878 mm | 1.57 in

**Length** 61.468 mm | 2.42 in

**Transition Length** 33.02 mm | 1.3 in

**Waveguide Size** WR42 | WG20 | R220

## Electrical Specifications

**Insertion Loss, typical** 0.01 dB

**Operating Frequency Band** 21.2 – 23.6 GHz

**Peak Power at Frequency, maximum** 8.60 kW @ 22.40 GHz

## Material Specifications

**Material Type** Brass

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## 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** 0.3 kg | 0.661 lb

## Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
REACH-SVHC	Compliant as per SVHC revision on <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a>
ROHS	Compliant
UK-ROHS	Compliant



## \* Footnotes

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