

# 1220ASC

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Fixed-tuned UG-595/U 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** UG-595/U  
**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

## Environmental Specifications

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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** 0.3 kg | 0.661 lb

## 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)