1220ASC



Product Classification **Product Type** Elliptical waveguide connector General Specifications **Attachment Method** Tab-flare | Tool-flare **Body Style** Straight, fixed-tuned Inner Contact Plating Unplated UG-595/U Interface **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** 0.01 dB Insertion Loss, typical **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

Operating Temperature	-55 °C to +85 °C (-67 °F to +185 °F)
Storage Temperature	-55 °C to +85 °C (-67 °F to +185 °F)

Fixed-tuned UG-595/U for elliptical waveguide 220

Page 1 of 2

©2024 CommScope, Inc. All rights reserved. CommScope and the CommScope logo are registered trademarks of CommScope and/or its affiliates in the U.S. and other countries. For additional trademark information see https://www.commscope.com/trademarks. All product names, trademarks and registered trademarks are property of their respective owners. Revised: August 13, 2024



1220ASC

Packaging and Weights

Weight, net

0.3 kg | 0.661 lb

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

Compliant as per SVHC revision on www.commscope.com/ProductCompliance

Regulatory Compliance/Certifications

Classification

Compliant

Compliant

Agency CHINA-ROHS

ISO 9001:2015

100 9001.201

REACH-SVHC

ROHS

UK-ROHS



* Footnotes

Insertion Loss, typical 0.05√⁻freq (GHz) (not applicable for elliptical waveguide)

Below maximum concentration value

Page 2 of 2

©2024 CommScope, Inc. All rights reserved. CommScope and the CommScope logo are registered trademarks of CommScope and/or its affiliates in the U.S. and other countries. For additional trademark information see https://www.commscope.com/trademarks. All product names, trademarks and registered trademarks are property of their respective owners. Revised: August 13, 2024

