

1220ASC



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

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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
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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 www.commscope.com/ProductCompliance
ROHS	Compliant



* Footnotes

Insertion Loss, typical	0.05v̄freq (GHz) (not applicable for elliptical waveguide)
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