

1220ASCM



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
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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	0.05v ⁻ freq (GHz) (not applicable for elliptical waveguide)
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