

1220ASCM



Fixed-tuned PBR220 for elliptical waveguide 220

Product Classification

Brand	HELIAX®
Product Type	Elliptical waveguide connector

General Specifications

Interface	PBR220
Waveguide Size	WR42 WG20 R220
Body Style	Straight, fixed-tuned
Material Type	Brass

Electrical Specifications

Operating Frequency Band	21.2 – 23.6 GHz
Insertion Loss, typical	0.01 dB
Peak Power, maximum	8.60 kW @ 22.40 GHz

Mechanical Specifications

Attachment Method	Tab-flare Tool-flare
Inner Contact Plating	Unplated
Outer Contact Plating	Unplated
Pressurizable	Yes

Dimensions

Length	61.47 mm 2.42 in
Transition Length	33.02 mm 1.30 in
Weight	0.30 kg 0.66 lb
Width	39.88 mm 1.57 in

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)

Regulatory Compliance/Certifications

Agency

RoHS 2011/65/EU

ISO 9001:2015

China RoHS SJ/T 11364-2014

Classification

Compliant by Exemption

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

Above Maximum Concentration Value (MCV)



* Footnotes

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