



Fixed-tuned PBR120 for elliptical waveguide 127

Product Classification

Brand	HELIAX®
Product Type	Elliptical waveguide connector

General Specifications

Interface	PBR120
Waveguide Size	WR75 WG17 R120
Body Style	Straight, fixed-tuned
Material Type	Brass

Electrical Specifications

Operating Frequency Band	11.7 – 13.25 GHz
Insertion Loss, typical	0.01 dB
Peak Power, maximum	34.00 kW @ 12.70 GHz

Mechanical Specifications

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

Dimensions

Length	72.39 mm 2.85 in
Transition Length	39.37 mm 1.55 in
Weight	0.70 kg 1.54 lb
Width	57.40 mm 2.26 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 0.05vfreq (GHz) (not applicable for elliptical waveguide)