



Fixed-tuned PDR120 for elliptical waveguide 127

## Product Classification

<b>Brand</b>	HELIAX®
<b>Product Type</b>	Elliptical waveguide connector

## General Specifications

<b>Interface</b>	PDR120
<b>Waveguide Size</b>	WR75   WG17   R120
<b>Body Style</b>	Straight, fixed-tuned
<b>Material Type</b>	Brass

## Electrical Specifications

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

## Mechanical Specifications

<b>Attachment Method</b>	Tab-flare   Tool-flare
<b>Inner Contact Plating</b>	Unplated
<b>Outer Contact Plating</b>	Unplated
<b>Pressurizable</b>	Yes

## Dimensions

<b>Length</b>	72.39 mm   2.85 in
<b>Transition Length</b>	39.37 mm   1.55 in
<b>Weight</b>	0.70 kg   1.54 lb
<b>Width</b>	57.40 mm   2.26 in

## Environmental Specifications

<b>Operating Temperature</b>	-55 °C to +85 °C (-67 °F to +185 °F)
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**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<sup>2</sup>freq (GHz) (not applicable for elliptical waveguide)