

Tunable CPR430G for elliptical waveguide 17



Product Classification

**Product Type** Elliptical waveguide connector

General Specifications

**Attachment Method** Tab-flare | Tool-flare  
**Body Style** Straight, tunable  
**Inner Contact Plating** Unplated  
**Interface** CPR430G  
**Outer Contact Plating** Bright nickel over electroless nickel  
**Pressurizable** Yes

Dimensions

**Width** 174.752 mm | 6.88 in  
**Length** 406.4 mm | 16 in  
**Transition Length** 304.8 mm | 12 in  
**Waveguide Size** WR430 | WG8 | R22

Electrical Specifications

**Insertion Loss, typical** 0.01 dB  
**Operating Frequency Band** 1.7 – 2.3 GHz  
**Peak Power at Frequency, maximum** 1036.00 kW @ 2.00 GHz

Material Specifications

**Material Type** Brass

Environmental Specifications

# 117ET

---

<b>Operating Temperature</b>	-55 °C to +85 °C (-67 °F to +185 °F)
<b>Storage Temperature</b>	-55 °C to +85 °C (-67 °F to +185 °F)

## Packaging and Weights

<b>Weight, net</b>	3.2 kg   7.055 lb
--------------------	-------------------

## Regulatory Compliance/Certifications

<b>Agency</b>	<b>Classification</b>
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system



## \* Footnotes

<b>Insertion Loss, typical</b>	0.05√freq (GHz) (not applicable for elliptical waveguide)
--------------------------------	---