

**143SE****Fixed-tuned CPR187G for elliptical waveguide 43**

## General Specifications

Body Style	Straight, fixed-tuned
Interface	CPR187G
Waveguide Size	WR187   WG12   R48
Brand	HELIAX®
Material Type	Brass

## Electrical Specifications

Operating Frequency Band	4.4 – 5.0 GHz
Insertion Loss, typical	0.01 dB
Peak Power, maximum	187.00 kW @ 4.70 GHz

## Mechanical Specifications

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

## Dimensions

Length	145.29 mm   5.72 in
Transition Length	91.69 mm   3.61 in
Weight	3.40 kg   7.50 lb
Width	116.84 mm   4.60 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	Classification
ISO 9001:2008	Designed, manufactured and/or distributed under this quality management system

### \* Footnotes

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