



## 252SE

**Fixed-tuned CPR137G for elliptical waveguide 52**

### General Specifications

Body Style	Straight, fixed-tuned
Interface	CPR137G
Waveguide Size	WR137   WG14   R70
Brand	HELIAX®
Material Type	Brass

### Electrical Specifications

Operating Frequency Band	5.0 – 6.425 GHz
Insertion Loss, typical	0.01 dB
Peak Power, maximum	92.00 kW @ 6.00 GHz

### Mechanical Specifications

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

### Dimensions

Length	114.55 mm   4.51 in
Transition Length	75.69 mm   2.98 in
Weight	1.80 kg   3.97 lb
Width	88.90 mm   3.50 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

<b>Agency</b>	<b>Classification</b>
RoHS 2002/95/EC	Compliant by Exemption
China RoHS SJ/T 11364-2006	Above Maximum Concentration Value (MCV)
ISO 9001:2008	Designed, manufactured and/or distributed under this quality management system



### \* Footnotes

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