

152SEM

Fixed-tuned PDR58 for elliptical waveguide 52

POWERED BY



## General Specifications

Body Style	Straight, fixed-tuned
Interface	PDR58
Waveguide Size	WR159   WG13   R58
Brand	HELIAX®
Material Type	Brass

## Electrical Specifications

Operating Frequency Band	5.6 – 6.425 GHz
Insertion Loss, typical	0.01 dB
Peak Power, maximum	153.00 kW @ 6.00 GHz

## Mechanical Specifications

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

## Dimensions

Length	121.92 mm   4.80 in
Transition Length	82.80 mm   3.26 in
Weight	2.00 kg   4.41 lb
Width	96.52 mm   3.80 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 0.05 $\sqrt{\text{freq}}$  (GHz) (not applicable for elliptical waveguide)