

152SEM**Fixed-tuned PDR58 for elliptical waveguide 52**

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)
-------------------------	--------------------------------------------------------------------------