

Fixed-tuned PDR70 for elliptical waveguide 52



Product Classification

Product Type Elliptical waveguide connector

General Specifications

Attachment Method Tab-flare | Tool-flare
Body Style Straight, fixed-tuned
Inner Contact Plating Unplated
Interface PDR70
Outer Contact Plating Unplated
Pressurizable Yes

Dimensions

Width 88.9 mm | 3.5 in
Length 114.554 mm | 4.51 in
Transition Length 75.692 mm | 2.98 in
Waveguide Size WR137 | WG14 | R70

Electrical Specifications

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

Material Specifications

Material Type Brass

Environmental Specifications

252SEM

Operating Temperature	-55 °C to +85 °C (-67 °F to +185 °F)
Storage Temperature	-55 °C to +85 °C (-67 °F to +185 °F)

Packaging and Weights

Weight, net	1.8 kg 3.968 lb
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Regulatory Compliance/Certifications

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



* Footnotes

Insertion Loss, typical	0.05√freq (GHz) (not applicable for elliptical waveguide)
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