

Fixed-tuned PDR70 for elliptical waveguide 63

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	85.852 mm 3.38 in
Length	85.344 mm 3.36 in
Transition Length	52.832 mm 2.08 in
Waveguide Size	WR137 WG14 R70
Electrical Specifications	
Insertion Loss, typical	0.01 dB
Operating Frequency Band	5.725 – 7.125 GHz
Peak Power at Frequency, maximum	102.00 kW @ 6.78 GHz
Material Specifications	

Material Type

Brass

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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)

Packaging and Weights

Weight, net

1.7 kg | 3.748 lb

Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS	Compliant
UK-ROHS	Compliant



* Footnotes

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

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