

Product Classification

Product Type

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	88.392 mm 3.48 in
Length	112.522 mm 4.43 in
Transition Length	75.438 mm 2.97 in
Waveguide Size	WR137 WG14 R70
Electrical Specifications	

Insertion Loss, typical	0.01 dB
Operating Frequency Band	7.125 – 8.5 GHz
Peak Power at Frequency, maximum	92.00 kW @ 6.00 GHz
Material Specifications	

Material Type

Brass

Fixed-tuned PDR70 for elliptical waveguide 77

Elliptical waveguide connector

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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

1.3 kg | 2.866 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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