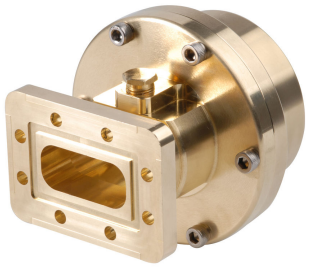
163SE



Fixed-tuned CPR137G 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	CPR137G
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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