



Fixed-tuned CPR137G for elliptical waveguide 64

OBSOLETE

This product was discontinued on: January 2, 2024

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 82.55 mm | 3.25 in

Length 89.408 mm | 3.52 in

Transition Length 56.388 mm | 2.22 in

Waveguide Size WR137 | WG14 | R70

Electrical Specifications

Insertion Loss, typical 0.01 dB

Operating Frequency Band 6.425 – 7.75 GHz

Peak Power at Frequency, maximum 107.00 kW @ 7.40 GHz

Material Specifications

Material Type Brass

164SE

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 0.05dB/freq (GHz) (not applicable for elliptical waveguide)