



Non-tunable CPR229G for elliptical waveguide 37

Product Classification

Product Type Elliptical waveguide connector

General Specifications

Attachment Method Tab-flare | Tool-flare

Body Style Straight, non-tunable

Inner Contact Plating Unplated

Interface CPR229G

Outer Contact Plating Unplated

Pressurizable Yes

Dimensions

Width 117.602 mm | 4.63 in

Length 165.608 mm | 6.52 in

Transition Length 108.204 mm | 4.26 in

Waveguide Size WR229 | WG11 | R40

Electrical Specifications

Insertion Loss, typical 0.01 dB

Operating Frequency Band 3.4 – 4.2 GHz

Peak Power at Frequency, maximum 309.00 kW @ 4.00 GHz

Material Specifications

Material Type Brass

137SE

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 3 kg | 6.614 lb

Regulatory Compliance/Certifications

Agency

CHINA-ROHS

ISO 9001:2015

REACH-SVHC

ROHS

Classification

Below maximum concentration value

Designed, manufactured and/or distributed under this quality management system

Compliant as per SVHC revision on www.commscope.com/ProductCompliance

Compliant



* Footnotes

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