

137DET



Tunable CPR229G for elliptical waveguide 37

OBSOLETE

Replaced By:

137SEM

Fixed-tuned PDR40 for elliptical waveguide 37

Product Classification

Product Type Elliptical waveguide connector

General Specifications

Attachment Method Tab-flare | Tool-flare
Body Style Straight, 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

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Material Specifications

Material Type Brass

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

* Footnotes

Insertion Loss, typical $0.05\sqrt{\text{freq}}$ (GHz) (not applicable for elliptical waveguide)