

137DEP-1

Pre-tuned CPR229G for elliptical waveguide 37

OBSOLETE

Replaced By

137SEM

Fixed-tuned PDR40 for elliptical waveguide 37

Product Classification

Brand	HELIAX®
Product Type	Elliptical waveguide connector

General Specifications

Interface	CPR229G
Waveguide Size	WR229 WG11 R40
Body Style	Straight, pre-tuned
Material Type	Brass

Electrical Specifications

Operating Frequency Band	3.7 – 4.2 GHz
Insertion Loss, typical	0.01 dB
Peak Power, maximum at Frequency	309.00 kW @ 4.00 GHz

Mechanical Specifications

Attachment Method	Tab-flare Tool-flare
Inner Contact Plating	Unplated
Outer Contact Plating	Unplated
Pressurizable	Yes

Dimensions

Length	165.61 mm 6.52 in
Transition Length	108.20 mm 4.26 in
Weight	3.00 kg 6.61 lb
Width	117.60 mm 4.63 in

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)

* Footnotes

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