

128AE

Non-tunable CPR284G for elliptical waveguide 28

Product Classification

Brand	HELIAX®
Product Type	Elliptical waveguide connector

General Specifications

Interface	CPR284G
Waveguide Size	WR284 WG10 R32
Body Style	Straight, non-tunable
Material Type	Brass

Electrical Specifications

Operating Frequency Band	2.9 – 3.4 GHz
Insertion Loss, typical	0.01 dB
Peak Power, maximum	446.00 kW @ 3.20 GHz

Mechanical Specifications

Attachment Method	Tab-flare Tool-flare
Inner Contact Plating	Unplated
Outer Contact Plating	Bright nickel over electroless nickel
Pressurizable	Yes

Dimensions

Length	322.33 mm 12.69 in
Transition Length	254.00 mm 10.00 in
Weight	3.30 kg 7.28 lb
Width	127.00 mm 5.00 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)

Regulatory Compliance/Certifications

Agency	Classification
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system



* Footnotes

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