



264SE
Fixed-tuned CPR112G for elliptical waveguide 64

General Specifications

| | |
|----------------|-----------------------|
| Body Style | Straight, fixed-tuned |
| Interface | CPR112G |
| Waveguide Size | WR112 WG15 R84 |
| Brand | HELIAX® |
| Material Type | Brass |

Electrical Specifications

| | |
|--------------------------|---------------------|
| Operating Frequency Band | 7.125 – 7.75 GHz |
| Insertion Loss, typical | 0.01 dB |
| Peak Power, maximum | 60.00 kW @ 7.40 GHz |

Mechanical Specifications

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

Dimensions

| | |
|-------------------|--------------------|
| Length | 87.88 mm 3.46 in |
| Transition Length | 55.12 mm 2.17 in |
| Weight | 1.40 kg 3.09 lb |
| Width | 82.55 mm 3.25 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 |
| RoHS 2011/65/EU | Compliant by Exemption |
| China RoHS SJ/T 11364-2006 | Above Maximum Concentration Value (MCV) |
| ISO 9001:2008 | Designed, manufactured and/or distributed under this quality management system |

Product Specifications

COMMScope®

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* Footnotes

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