

## Fixed-tuned CPR159G for elliptical waveguide 52

| Product Classification           |                                |
|----------------------------------|--------------------------------|
| Product Type                     | Elliptical waveguide connector |
| General Specifications           |                                |
| Attachment Method                | Tab-flare   Tool-flare         |
| Body Style                       | Straight, fixed-tuned          |
| Inner Contact Plating            | Unplated                       |
| Interface                        | CPR159G                        |
| Outer Contact Plating            | Unplated                       |
| Pressurizable                    | Yes                            |
| Dimensions                       |                                |
| Width                            | 96.52 mm   3.8 in              |
| Length                           | 121.92 mm   4.8 in             |
| Transition Length                | 82.804 mm   3.26 in            |
| Waveguide Size                   | WR159   WG13   R58             |
| Electrical Specifications        |                                |
| Insertion Loss, typical          | 0.01 dB                        |
| Operating Frequency Band         | 5.6 – 6.425 GHz                |
| Peak Power at Frequency, maximum | 153.00 kW @ 6.00 GHz           |
| Material Specifications          |                                |
| Material Type                    | Brass                          |

Material Type

Brass

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## 152SE

## **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                          | 2 kg   4.409 lb                      |  |
| Regulatory Compliance/Certifications |                                      |  |
| Agency                               | Classification                       |  |

ISO 9001:2015

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



## \* Footnotes

**Insertion Loss, typical** 0.05v<sup>-</sup>freq (GHz) (not applicable for elliptical waveguide)

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