

#### 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 PlatingUnplatedInterfaceCPR159GOuter Contact PlatingUnplatedPressurizableYes

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



# 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** 0.05√-freq (GHz) (not applicable for elliptical waveguide)

