190SE



Fixed-tuned CPR90G for elliptical waveguide 90

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	CPR90G
Outer Contact Plating	Unplated
Pressurizable	Yes
Dimensions	
Width	72.39 mm 2.85 in
Length	80.772 mm 3.18 in
Transition Length	46.228 mm 1.82 in
Waveguide Size	WR90 WG16 R100
Electrical Specifications	
Insertion Loss, typical	0.01 dB
Operating Frequency Band	10.2 – 11.7 GHz
Peak Power at Frequency, maximum	44.90 kW @ 11.20 GHz
Material Specifications	

Material Type

Brass

Environmental Specifications

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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

1 kg | 2.205 lb

Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Above maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS	Compliant/Exempted

* Footnotes

9001:2015

Insertion Loss, typical 0.05 / freq (GHz) (not applicable for elliptical waveguide)

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