190SCM



Product Classification **Product Type** Elliptical waveguide connector General Specifications Attachment Method Tab-flare | Tool-flare **Body Style** Straight, fixed-tuned **Inner Contact Plating** Unplated PBR100 Interface **Outer Contact Plating** Unplated Pressurizable Yes Dimensions Width 55.88 mm | 2.2 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

Operating Temperature	-55 °C to +85 °C (-67 °F to +185 °F)
Storage Temperature	-55 °C to +85 °C (-67 °F to +185 °F)

Fixed-tuned PBR100 for elliptical waveguide 90

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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.andrew.com/ProductCompliance
ROHS	Compliant/Exempted
UK-ROHS	Compliant/Exempted



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



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