1180SC



Fixed-tuned UG-595/U for elliptical waveguide 180

Elliptical waveguide connector

Product Type

General Specifications

Attachment Method	Tab-flare Tool-flare
Body Style	Straight, fixed-tuned
Inner Contact Plating	Unplated
Interface	UG-595/U
Outer Contact Plating	Unplated
Pressurizable	Yes
Dimensions	
Width	38.1 mm 1.5 in
Length	64.262 mm 2.53 in
Transition Length	26.924 mm 1.06 in
Waveguide Size	WR42 WG20 R220

Electrical Specifications

Insertion Loss, typical	0.01 dB
Operating Frequency Band	17.7 – 19.7 GHz
Peak Power at Frequency, maximum	7.30 kW @ 18.70 GHz
Material Specifications	

Material Type

Brass

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Environmental S	pecifications	
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	0.4 kg 0.882 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)

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