# 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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## 1180SC

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√<sup>-</sup>freq (GHz) (not applicable for elliptical waveguide)

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