

## 190SC

**Fixed-tuned UG-39/U for elliptical waveguide 90**

### General Specifications

Body Style	Straight, fixed-tuned
Interface	UG-39/U
Waveguide Size	WR90   WG16   R100
Brand	HELIAX®
Material Type	Brass

### Electrical Specifications

Operating Frequency Band	10.2 – 11.7 GHz
Insertion Loss, typical	0.01 dB
Peak Power, maximum	44.90 kW @ 11.20 GHz

### Mechanical Specifications

Attachment Method	Tab-flare   Tool-flare
Inner Contact Plating	Unplated
Outer Contact Plating	Unplated
Pressurizable	Yes

### Dimensions

Length	80.77 mm   3.18 in
Transition Length	46.23 mm   1.82 in
Weight	1.00 kg   2.20 lb
Width	72.39 mm   2.85 in

### 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)

### Regulatory Compliance/Certifications

Agency	Classification
ISO 9001:2008	Designed, manufactured and/or distributed under this quality management system

### \* Footnotes

Insertion Loss, typical	0.05v <sup>-</sup> freq (GHz) (not applicable for elliptical waveguide)
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