



**C137-065TG-PRETUNED**

Connector for FLEXWELL® Elliptical Waveguide E65/EP65, CPR137G Flange, Pre-tuned

Tunable connector for FLEXWELL® Elliptical Waveguide E65/EP65  
 CPR137G flange, Gasket sealed  
 Pre-tuned in the factory to achieve optimal electrical performance in a designated frequency range within 5.9 to 7.125 GHz

**FEATURES / BENEFITS**

**Superior Design**

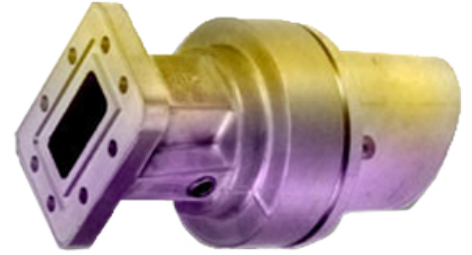
- Fewer tuning screws
- Better performance

**Quick & Easy Installation**

- Flaring tools not required
- Assemble using standard hand tools performance

**Assorted Connector Types**

- Standard (non-tunable), tunable and pre-tuned versions are available
- Two basic interface series - flange can mate with either a choke or a cover flange



**Technical features**

**STRUCTURE**

<b>Transmission Line Type</b>		Elliptical Waveguide
<b>Cable Type</b>		E65 / EP65
<b>Model Series</b>		E65 / EP65 Series
<b>Connector Frequency Range</b>	GHz	5.9 - 7.125
<b>Connector Type</b>		Pre-tuned
<b>Sealing Method</b>		Gasket
<b>Gas Inlet</b>		NPT 1/8, tube adaptor not included
<b>Connector Interface</b>		CPR137G

**MECHANICAL SPECIFICATIONS**

<b>Length</b>	mm (in)	132 (5.2)
<b>Outer Diameter</b>	mm (in)	74 (2.9)
<b>Weight</b>	kg (lb)	1.72 (3.8)

**External Document Links**

[Installation Instruction](#)

**Notes**

VSWR / return loss value 1:1.062 / 30.5 dB @ 5.9 - 7.125 GHz with Premium FLEXWELL waveguide

VSWR / return loss value 1:1.15 / 23.1 dB @ 5.9 - 7.125 GHz with



PRODUCT DATASHEET

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Standard FLEXWELL waveguide