

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

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

MECHANICAL SPECIFICATIONS

Length	mm (in)	132 (5.2)
Outer Diameter	mm (in)	74 (2.9)
Weight	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

C137-065TG-PRETUNED REV : A REV DATE : 02 Oct 2023 www.rfstechnologies.com

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Standard FLEXWELL waveguide					

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