PRODUCT DATASHEET

C137-060TG-PRETUNED

Connector for FLEXWELL® Elliptical Waveguide E60/EP60, CPR137G Flange, Pre-Tuned

Tunable connector for FLEXWELL® Elliptical Waveguide E60/EP60
CPR137G flange, Gasket sealed
Pre-tuned in the factory to achieve optimal electrical performance in a designated working frequency range within 5.925 to 6.425GHz



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		E60 / EP60
Model Series		E60 / EP60 Series
Connector Frequency Range	GHz	5.925 - 6.425
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)	1.54 (3.4)

External Document Links
Installation Instruction

Notes
VSWR / return loss value 1:1.062 / 30.5 dB @ 5.925 - 6.425 GHz with Premium FLEXWELL waveguide
VSWR / return loss value 1:1.15 / 23.1 dB @ 5.925 - 6.425 GHz with

All values nominal unless tolerances provided; information contained in the present datasheet is subject to confirmation at time of ordering

Standard FLEXWELL waveguide

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