



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

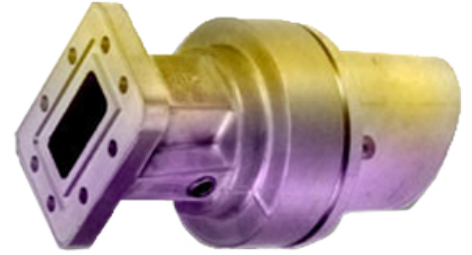
- Fewer tuning screws
- Better performance

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

| | | |
|---------------------------|-----|------------------------------------|
| 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



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