

**C137-065TG**

Connector for FLEXWELL® Elliptical Waveguide E65/EP65, CPR137G Flange, Tunable

Tunable connector for FLEXWELL® Elliptical Waveguide E65/EP65  
CPR137G flange, Gasket sealed

## FEATURES / BENEFITS

**Superior Design**

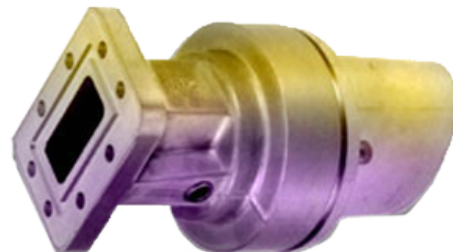
- Fewer tuning screws
- Better performance

**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            |     | Tunable                            |
| 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  
Standard FLEXWELL waveguide