



Tunable connector for FLEXWELL® elliptical waveguide E65 with CPR137G flange, gasket sealed
frequency range: 5.725 - 7.125 GHz

FEATURES / BENEFITS

Superior Design

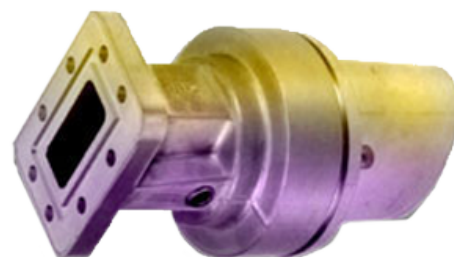
- Fewer tuning screws
- Better performance

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



C65-137ET Tunable

Technical features

STRUCTURE

| | | |
|----------------------------------|-----|----------------------|
| Transmission Line Type | | Elliptical Waveguide |
| Cable Type | | E65 |
| Model Series | | E65 Series |
| Connector Frequency Range | GHz | 5.725 - 7.125 |
| Connector Type | | Tunable |
| Sealing Method | | Gasket |
| Gas Inlet | | NPT 1/8 |
| 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 @ 5.8 - 7.125 GHz with RFS Premium FLEXWELL waveguide
VSWR / return loss value 1:1.15 / 23.1 dB @ 5.725- 7.125 GHz with RFS Standard FLEXWELL waveguide