



C90-105TG

Connector for FLEXWELL® elliptical waveguide E105, CPR90G Flange

Tunable connector for FLEXWELL® elliptical waveguide E105 with CPR90G flange, gasket sealed
frequency range: 10.50 - 11.70 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



C90-105TG Tunable Connector

Technical features

STRUCTURE

Transmission Line Type		Elliptical Waveguide
Cable Type		E105
Model Series		E105 Series
Connector Frequency Range	GHz	10.5 - 11.7
Connector Type		Tunable
Sealing Method		Gasket
Gas Inlet		NPT 1/8
Connector Interface		CPR90G

MECHANICAL SPECIFICATIONS

Length	mm (in)	132 (5.2)
Outer Diameter	mm (in)	74 (2.9)
Weight	kg (lb)	1.77 (3.9)

External Document Links

[Installation Instruction](#)

Notes

VSWR / Return loss value 1:1.062 / 30.5 dB @ 10.5 – 11.7 GHz with RFS Premium FLEXWELL waveguide
VSWR / Return loss value 1:1.15 / 23.1 dB @ 10.5- 11.7 GHz with RFS Standard FLEXWELL waveguide