



C90-105TG

Connector for FLEXWELL® elliptical waveguide E105/EP105, CPR90G Flange, Tunable

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	EP105
Model Series		E105 Series	EP105 Series
Connector Frequency Range	GHz	10.5 - 11.7	
Connector Type		Tunable	
Sealing Method		Gasket	
Gas Inlet		NPT 1/8, gas adaptor not included	
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



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▪ VSWR / Return loss value 1:1.15 / 23.1 dB @ 10.5- 11.7

GHz with RFS

Standard FLEXWELL waveguide