



# C90-105TG-PRETUNED

Connector for FLEXWELL® Elliptical Waveguide E105/EP105, CPR90G Flange, Pre-tuned

Tunable connector for FLEXWELL® Elliptical Waveguide E105/EP105  
CPR90G flange, Gasket sealed  
Pre-tuned in the factory to achieve optimal electrical performance in a desginted frequency range within 10.50 to 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



## Technical features

### STRUCTURE

Transmission Line Type		Elliptical Waveguide
Cable Type		E105 / EP105
Model Series		E105 / EP105 Series
Connector Frequency Range	GHz	10.5 - 11.7
Connector Type		Pre-tuned
Sealing Method		Gasket
Gas Inlet		NPT 1/8, tube 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 Premium FLEXWELL waveguide



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\* VSWR / Return loss value 1:1.15 / 23.1 dB @ 10.5- 11.7 GHz with Standard FLEXWELL waveguide