PRODUCT DATASHEET

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



C90-105TG Tunable Connector

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 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

All values nominal unless tolerances provided; information contained in the present datasheet is subject to confirmation at time of ordering

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

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