PRODUCT DATASHEET

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 designted 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

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 Standard FLEXWELL waveguide

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