PRODUCT DATASHEET

C112-078TG-PRETUNED

Connector for FLEXWELL® Elliptical Waveguide E78/EP78, CPR112G Flange, Pre-tuned

Tunable connector for FLEXWELL® Elliptical Waveguide E78/EP78
CPR112G flange, Gasket sealed
Pre-tuned in the factory to achieve optimal electrical performance in a designated frequency range within 7.125 to 8.50 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		E78 / EP78
Model Series		E78 / EP78 Series
Connector Frequency Range	GHz	7.125 - 8.5
Connector Type		Pre-tuned
Sealing Method		Gasket
Gas Inlet		NPT 1/8, tube adaptor not included
Connector Interface		CPR112G

MECHANICAL SPECIFICATIONS

Length	mm (in)	132 (5.2)
Outer Diameter	mm (in)	74 (2.9)
Weight	kg (lb)	1.72 (3.8)

External Document Links
Installation Instruction

Notes
VSWR / Return loss value 1:1.062 / 30.5 dB @ 7.125 - 8.50 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 @ 7.125 - 8.50 GHz
with Standard FLEXWELL waveguide

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