



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



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

VSWR / Return loss value 1:1.15 / 23.1 dB @ 7.125 - 8.50 GHz
with Standard FLEXWELL waveguide