

Connector for FLEXWELL® elliptical waveguide E100, PBR100 Flange

Standard connector for FLEXWELL® elliptical waveguide E100 with PBR100 flange, Plast 2000 sealed frequency range: 9.0 - 10.0 GHz

FEATURES / BENEFITS

Superior Design

- Due to the precise manufacturing no tuning screws are necessary
- The terminations are brass passivated for good electrical performance
- A gas inlet is included
- RoHS (EU) and CRoHS (China) compliant i.e. can be used on a global basis



Quick & Easy Installation

- Different flaring tools are available
- No tuning in the field

Technical features

STRUCTURE

Cable Type Model Series E100 Series Connector Frequency Range GHz GHz Fixed Fixed Sealing Method Plast 2000 Plating Outer/Inner Brass Waterproof Level Gas Inlet E100 E100 F100 Plating Outer/Inner Fixed Brass Gas Inlet G 1/8			
Model Series Connector Frequency Range GHz	Transmission Line Type		Elliptical Waveguide
Connector Frequency Range GHz 9 - 10 Connector Type Fixed Sealing Method Plast 2000 Plating Outer/Inner Brass Waterproof Level IP66 and IP68 Gas Inlet G 1/8	Cable Type		E100
Connector Type Fixed Sealing Method Plast 2000 Plating Outer/Inner Brass Waterproof Level IP66 and IP68 Gas Inlet G 1/8	Model Series		E100 Series
Sealing Method Plast 2000 Plating Outer/Inner Brass Waterproof Level IP66 and IP68 Gas Inlet G 1/8	Connector Frequency Range	GHz	9 - 10
Plating Outer/Inner Brass Waterproof Level IP66 and IP68 Gas Inlet G 1/8	Connector Type		Fixed
Waterproof Level IP66 and IP68 Gas Inlet G 1/8	Sealing Method		Plast 2000
Gas Inlet G 1/8	Plating Outer/Inner		Brass
	Waterproof Level		IP66 and IP68
Connector Interface PBR100	Gas Inlet		G 1/8
	Connector Interface		PBR100

MECHANICAL SPECIFICATIONS

Length	mm (in)	100 (4)
Outer Diameter	mm (in)	55 (2.2)
Weight	kg (lb)	0.6 (1.3)
Sealing Volume	cm³ (ounces)	20 (0.68)

External Document Links

Installation Instruction

Notes

Sealing component PLAST 2000 is **not** part of the connector delivery and must be ordered separately.

B100-100FP-U REV : D REV DATE : 27 May 2024 www.rfsworld.com