

**B100-100FP-U**

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**

Transmission Line Type		Elliptical Waveguide
Cable Type		E100
Model Series		E100 Series
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
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	cm ³ (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.