



B100-100FP-U

Connector for FLEXWELL® elliptical waveguide E100, PBR100 Flange



e105_pbr100_brass_ti.pr

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



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External Document Links

Notes

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

Related Documents



Installation Instruction
Installation Instructions