

# Connector for FLEXWELL® elliptical waveguide E130, PBR120 Flange

Standard connector for FLEXWELL® elliptical waveguide E130 with PBR120 flange, gasket with shrinking sleeve sealed

frequency range: 12.2 - 13.25 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  Cable Type  E130  Model Series  E130 Series  Connector Frequency Range  GHz  Connector Type  Fixed  Sealing Method  Flating Outer/Inner  Waterproof Level  Gas Inlet  Elliptical Waveguide  E130  E130  E130 Series  Fixed  12.2 - 13.25  Fixed  Fixed  Fixed  Gasket  Plating Outer/Inner  Brass  Waterproof Level  Gas Inlet  G 1/8			
Model Series  Connector Frequency Range GHz 12.2 - 13.25  Connector Type Fixed  Sealing Method Gasket  Plating Outer/Inner Brass  Waterproof Level IP68	Transmission Line Type		Elliptical Waveguide
Connector Frequency Range GHz 12.2 - 13.25  Connector Type Fixed  Sealing Method Gasket  Plating Outer/Inner Brass  Waterproof Level IP68	Cable Type		E130
Connector Type Fixed  Sealing Method Gasket  Plating Outer/Inner Brass  Waterproof Level IP68	Model Series		E130 Series
Sealing Method Gasket  Plating Outer/Inner Brass  Waterproof Level IP68	<b>Connector Frequency Range</b>	GHz	12.2 - 13.25
Plating Outer/Inner Brass Waterproof Level IP68	Connector Type		Fixed
Waterproof Level IP68	Sealing Method		Gasket
	Plating Outer/Inner		Brass
Gas Inlet G 1/8	Waterproof Level		IP68
	Gas Inlet		G 1/8
Connector Interface PBR120	Connector Interface		PBR120

### **MECHANICAL SPECIFICATIONS**

Length	mm (in)	100 (4)
Outer Diameter	mm (in)	38 (1.5)
Weight	kg (lb)	0.5 (1.1)

### **External Document Links**

Installation Instruction

## Notes

B120-130FG-U REV : B REV DATE : 27 May 2024 www.rfsworld.com