

Connector for FLEXWELL® elliptical waveguide E130, PDR120 Flange

Standard connector for FLEXWELL® elliptical waveguide E130 with PDR120 flange, gaslet with shrinking sleeve sealed frequency range: 10.7 - 12.75 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 TypeE130Model SeriesE130 SeriesConnector Frequency RangeGHz10.7 - 12.75Connector TypeFixedSealing MethodGasketPlating Outer/InnerBrassWaterproof LevelIP68Gas InletG 1/8			
Model Series Connector Frequency Range GHz Gonnector Type Fixed Sealing Method Gasket Plating Outer/Inner Waterproof Level Gas Inlet E130 Series E130 Series E130 Series E130 Series E130 Series Fixed Fixed Fixed Fixed Gasket Gasket Gasket Flating Outer/Inner Brass Gas Inlet G 1/8	Transmission Line Type		Elliptical Waveguide
Connector Frequency Range GHz 10.7 - 12.75 Connector Type Fixed Sealing Method Gasket Plating Outer/Inner Brass Waterproof Level IP68 Gas Inlet G 1/8	Cable Type		E130
Connector Type Fixed Sealing Method Gasket Plating Outer/Inner Brass Waterproof Level IP68 Gas Inlet G 1/8	Model Series		E130 Series
Sealing Method Gasket Plating Outer/Inner Brass Waterproof Level IP68 Gas Inlet G 1/8	Connector Frequency Range	GHz	10.7 - 12.75
Plating Outer/Inner Brass Waterproof Level IP68 Gas Inlet G 1/8	Connector Type		Fixed
Waterproof Level IP68 Gas Inlet G 1/8	Sealing Method		Gasket
Gas Inlet G 1/8	Plating Outer/Inner		Brass
	Waterproof Level		IP68
Connector Interface PDR120	Gas Inlet		G 1/8
	Connector Interface		PDR120

MECHANICAL SPECIFICATIONS

Length	mm (in)	100 (4)
Outer Diameter	mm (in)	49 (1.9)
Weight	kg (lb)	0.5 (1.1)

External Document Links

Installation Instruction

10000009163-01_Application Note_Installation of Heat Shrink Sleeves

for additional sealing of Connectors.pdf

Notes

D120-130FG-L REV : C REV DATE : 27 May 2024 www.rfsworld.com