

# Connector for FLEXWELL® elliptical waveguide E185, PDR180 Flange

Standard connector for FLEXWELL® elliptical waveguide E185 with PDR180 flange, Plast 2000 sealed

frequency range: 17.3 - 19.7 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 TypeE185Model SeriesE185 SeriesConnector Frequency RangeGHz17.3 - 19.7Connector TypeFixedSealing MethodPlast 2000Plating Outer/InnerBrassWaterproof LevelIP68Gas InletG 1/8			
Model Series  Connector Frequency Range GHz GONNECTOR Type Fixed  Sealing Method Plast 2000  Plating Outer/Inner Waterproof Level Gas Inlet  E185 Series  E185 Series  Fixed  17.3 - 19.7  Fixed  Fixed  Plast 2000  Brass  G 1/8	Transmission Line Type		Elliptical Waveguide
Connector Frequency Range GHz 17.3 - 19.7  Connector Type Fixed  Sealing Method Plast 2000  Plating Outer/Inner Brass  Waterproof Level IP68  Gas Inlet G 1/8	Cable Type		E185
Connector Type Fixed  Sealing Method Plast 2000  Plating Outer/Inner Brass  Waterproof Level IP68  Gas Inlet G 1/8	Model Series		E185 Series
Sealing Method     Plast 2000       Plating Outer/Inner     Brass       Waterproof Level     IP68       Gas Inlet     G 1/8	<b>Connector Frequency Range</b>	GHz	17.3 - 19.7
Plating Outer/Inner  Waterproof Level  Gas Inlet  Brass  IP68  G 1/8	Connector Type		Fixed
Waterproof Level IP68 Gas Inlet G 1/8	Sealing Method		Plast 2000
Gas Inlet G 1/8	Plating Outer/Inner		Brass
	Waterproof Level		IP68
Connector Interface PDR180	Gas Inlet		G 1/8
	Connector Interface		PDR180

## **MECHANICAL SPECIFICATIONS**

Length	mm (in)	90 (3.6)
Outer Diameter	mm (in)	40 (1.6)
Weight	kg (lb)	0.4 (0.88)
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.

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