



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**

<b>Transmission Line Type</b>		Elliptical Waveguide
<b>Cable Type</b>		E185
<b>Model Series</b>		E185 Series
<b>Connector Frequency Range</b>	GHz	17.3 - 19.7
<b>Connector Type</b>		Fixed
<b>Sealing Method</b>		Plast 2000
<b>Plating Outer/Inner</b>		Brass
<b>Waterproof Level</b>		IP68
<b>Gas Inlet</b>		G 1/8
<b>Connector Interface</b>		PDR180

**MECHANICAL SPECIFICATIONS**

<b>Length</b>	mm (in)	90 (3.6)
<b>Outer Diameter</b>	mm (in)	40 (1.6)
<b>Weight</b>	kg (lb)	0.4 (0.88)
<b>Sealing Volume</b>	cm <sup>3</sup> (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.