

**D180-185FP**

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**

Transmission Line Type		Elliptical Waveguide
Cable Type		E185
Model Series		E185 Series
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
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	cm ³ (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.