



D180-185FP

Connector for FLEXWELL® elliptical waveguide E185, PDR180 Flange



e130_pdr120_brass_ti.pr

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	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	90mm (3.6in)
Outer Diameter	40mm (1.6in)
Weight	0.4kg (0.88lb)
Sealing Volume	20cm³ (0.68ounces)



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External Document Links

Notes

Sealing component PLAST 2000 is **not** part of the connector delivery and must be ordered separately.

Related Documents



Installation Instruction

Installation Instructions