



D70-078FG

Connector for FLEXWELL® elliptical waveguide E78, PDR70 Flange



e78\_pdr70\_brass\_ti.png

Standard connector for FLEXWELL® elliptical waveguide E78  
with PDR70 flange, gasket with shrinking sleeve sealed  
frequency range: 7.1 - 8.5 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                | E78                  |
| Model Series              | E78 Series           |
| Connector Frequency Range | 7.1 - 8.5            |
| Connector Type            | Fixed                |
| Sealing Method            | Gasket               |
| Plating Outer/Inner       | Brass                |
| Waterproof Level          | IP68                 |
| Gas Inlet                 | G 1/8                |
| Connector Interface       | PDR70                |

MECHANICAL SPECIFICATIONS

|                |                |
|----------------|----------------|
| Length         | 118mm (4.7in)  |
| Outer Diameter | 60mm (2.4in)   |
| Weight         | 1.7kg (3.75lb) |

External Document Links

Notes



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**Related Documents**



**Application Note**  
External Datasheet



**Installation Instruction**  
Installation Instructions