



# D70-078FG

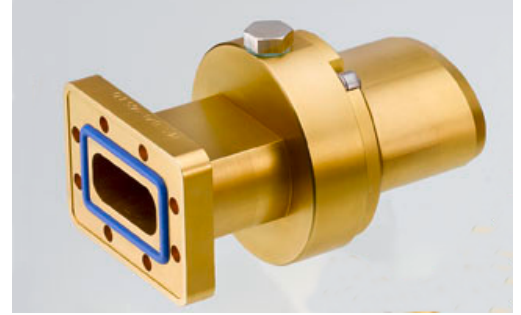
Connector for FLEXWELL® elliptical waveguide E78, PDR70 Flange

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



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

#### External Document Links

[Installation Instruction](#)

[Application Note](#)

[Notes](#)