PRODUCT DATASHEET

# D84-078FG

Connector for FLEXWELL® elliptical waveguide E78, PDR84 Flange

Standard connector for FLEXWELL® elliptical waveguide E78
with PDR84 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** | | PDR84 |

### MECHANICAL SPECIFICATIONS

| | | |
|---|---|---|
| **Length** | mm (in) | 112 (4.4) |
| **Outer Diameter** | mm (in) | 60 (2.4) |
| **Weight** | kg (lb) | 1.7 (3.75) |

External Document Links
Installation Instruction
10000009163-01_Application Note_Installation of Heat Shrink Sleeves for additional sealing of Connectors.pdf

Notes



All values nominal unless tolerances provided; information contained in the present datasheet is subject to confirmation at time of ordering