

Connector for FLEXWELL® elliptical waveguide E65, PDR70 Flange

Standard connector for FLEXWELL® elliptical waveguide E65 with PDR70 flange, gasket with shrinking sleeve sealed frequency range: 5.9 - 7.125 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

| STRUCTURE | | |
|---------------------------|-----|----------------------|
| Transmission Line Type | | Elliptical Waveguide |
| Cable Type | | E65 |
| Model Series | | E65 Series |
| Connector Frequency Range | GHz | 5.9 - 7.125 |
| 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) | 120 (4.7) |
|----------------|---------|------------|
| Outer Diameter | mm (in) | 70 (2.8) |
| Weight | kg (lb) | 1.2 (2.65) |

External Document Links Installation Instruction Application Note

Notes

D70-065FG REV : B REV DATE : 14 Dec 2025 www.rfstechnologies.com