

# Waveguide to 2.4 mm Coax Adaptors

## Series 093-TF/TM

### Features

- Male and Female Connectors Available
- Models up to 50 GHz
- Full Band & Narrow Band Models

The Series 093-TF/TM Waveguide to Coax Adaptors feature an improved mechanical design offering greater durability and reliability.

The Adaptors are fitted with 2.4 mm male or female coaxial connectors which are suitable for operation over full waveguide bands up to 50 GHz.

Models optimised for limited and narrowband applications are also available to special order.

**Full details on request.**



Model  
22093-TF30

| Model      | Frequency Range (GHz) | Waveguide |     |    | VSWR (better than) |
|------------|-----------------------|-----------|-----|----|--------------------|
|            |                       | WG        | R   | WR |                    |
| 19093-TF30 | 14.5 - 22.0           | 19        | 180 | 51 | 1.25               |
| 19093-TM30 | 14.5 - 22.0           | 19        | 180 | 51 | 1.25               |
| 20093-TF30 | 17.6 - 26.7           | 20        | 220 | 42 | 1.20               |
| 20093-TM30 | 17.6 - 26.7           | 20        | 220 | 42 | 1.20               |
| 21093-TF30 | 21.7 - 33.0           | 21        | 260 | 34 | 1.25               |
| 21093-TM30 | 21.7 - 33.0           | 21        | 260 | 34 | 1.25               |
| 22093-TF30 | 26.4 - 40.1           | 22        | 320 | 28 | 1.25               |
| 22093-TM30 | 26.4 - 40.1           | 22        | 320 | 28 | 1.25               |
| 23093-TF30 | 33.0 - 50.1           | 23        | 400 | 22 | 1.40               |
| 23093-TM30 | 33.0 - 50.1           | 23        | 400 | 22 | 1.40               |
| 23093-TF31 | 40.0 - 50.0           | 23        | 400 | 22 | 1.20               |
| 23093-TM31 | 40.0 - 50.0           | 23        | 400 | 22 | 1.20               |

### ORDERING INFORMATION

Model: Adaptor type suffix; Description

Example: Model 22093-TF30 Waveguide to 2.4 mm female coax adaptor

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For standard flange types and recommendations see pages 118 onwards