

Microwave Technology Corporation

WAVEGUIDE LOW POWER TERMINATIONS



Features :

- Full Waveguide Frequency Range

| Model No. | Frequency range (GHz) | Waveguide Size | VSWR (Max) | Max average power (Watts) | Length inches |
|-----------|----------------------------|-------------------|-----------------|--------------------------------|---------------|
| WR159T01 | 4.900-7.050 | WR159 | 1.10 | 7 | 6.00 |
| WR137T01 | 5.850-8.200 | WR137 | 1.10 | 6 | 5.50 |
| WR112T01 | 7.05-10.00 | WR112 | 1.10 | 4 | 5.00 |
| WR90T01 | 8.20-12.40 | WR90 | 1.10 | 4 | 4.00 |
| WR75T01 | 10.00-15.00 | WR75 | 1.10 | 2 | 4.00 |
| WR62T01 | 12.40-18.00 | WR62 | 1.10 | 1.5 | 4.00 |
| WR42T01 | 18.00-26.50 | WR42 | 1.10 | 1.5 | 2.50 |
| WR28T01 | 26.50-40.00 | WR28 | 1.10 | 1.5 | 2.00 |

Waveguide to SMA Coaxial Adaptors



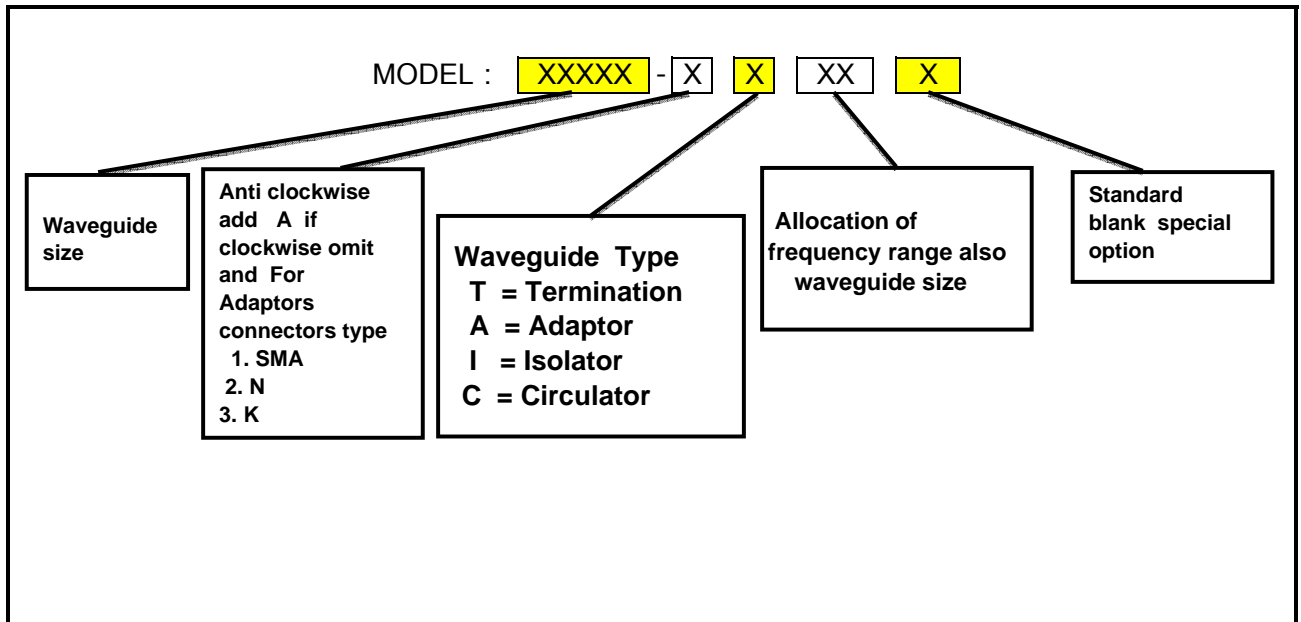
Waveguide to SMA coaxial adaptor offer enhanced VSWR performance over the full waveguide frequency band.

The adaptors are fitted with SMA Female connectors as standards. However, models are optionally available with male connectors , please contact our sales office for further details.

Narrowband models covering typical 20% of the full waveguide band with a VSWR of 1.10 are also available.

| Model No. | Frequency range (GHz) | Waveguide Size | VSWR (Max) | Insertion loss (dB max) | Length inches |
|------------|----------------------------|-------------------|-----------------|------------------------------|---------------|
| WR159-1A01 | 4.900-7.050 | WR159 | 1.25 | 0.18 | 2.00 |
| WR137-1A01 | 5.850-8.200 | WR137 | 1.25 | 0.20 | 1.75 |
| WR112-1A01 | 7.05-10.00 | WR112 | 1.25 | 0.21 | 1.75 |
| WR90-1A01 | 8.20-12.40 | WR90 | 1.25 | 0.23 | 1.25 |
| WR75-1A01 | 10.00-15.00 | WR75 | 1.25 | 0.25 | 1.25 |
| WR62-1A01 | 12.40-18.00 | WR62 | 1.25 | 0.27 | 1.25 |
| WR42-1A01 | 18.00-26.50 | WR42 | 1.25 | 0.32 | 1.25 |
| WR28-1A01 | 26.50-40.00 | WR28 | 1.25 | 0.39 | 1.25 |

SAMPLE MODEL OF WAVEGUIDE



Standard

- Flange Type : Cover



Standard : Cover Flange

- Material : Aluminium

- Finish : Yellow Chromate