

**Key Features**

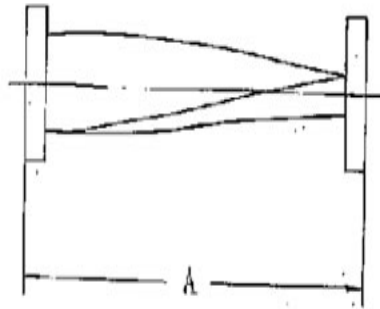
- Low insertion loss
- Full band operation
- Low cost

**Primary Applications**

- Bench test setups
- Sub-system integration

**General Description**

Standard WGT series are offered for 90° waveguide torsion connection, which cover the frequency range from 8 to 110 GHz. Custom design allow the waveguide orientation changes with the angle of 45° or 90°.

**Outline Drawing****Typical specification**

Part No.	Frequency Range, GHz	Waveguide sizes	Flange Type	VSWR	Dimensions, inch (mm)
WTW090-01	8.20~12.5	WR-90		1.06:1	140
WTW075-01	9.84~15.0	WR-75		1.06:1	125
WTW062-01	12.0~18.0	WR-62	UG419/U	1.06:1	100
WTW051-01	15.0~22.0	WR-51	UG595/U	1.06:1	85
WTW042-01	18.0~26.5	WR-42	UG595/U	1.06:1	75
WTW034-01	22.0~33.0	WR-34	UG1530/U	1.08:1	75
WTW028-01	26.5~40.0	WR-28	UG599/U	1.08:1	75
WTW022-01	33.0~50.0	WR-22	UG383/U	1.10:1	50
WTW019-01	40.0~60.0	WR-19		1.10:1	45
WTW015-01	50.0~75.0	WR-15	UG385/U	1.10:1	45
WTW012-01	60.0~90.0	WR-12	UG387/U	1.10:1	45
WTW010-01	75.0~110.0	WR-10	UG387/U	1.10:1	45