

**Key Features**

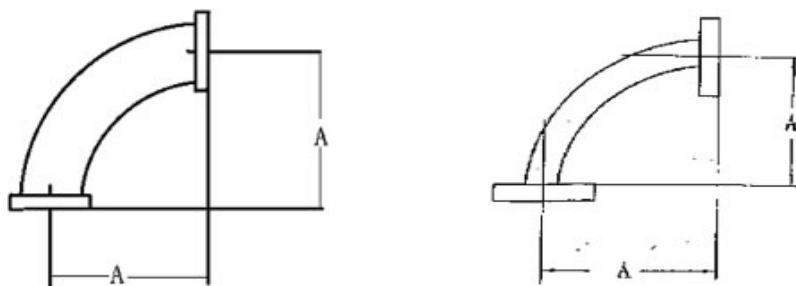
- Standard waveguide selections
- Low insertion loss
- Low cost

**Primary Applications**

- Test benches
- Microwave sub-systems

**General Description**

Standard WGB series are offered for frequency range from 1.45 to 110 GHz, including E-plane and H-plane 90° band. Special bends up to 180° can be custom designed per request.

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

Part No.	Frequency Range, GHz	Waveguide sizes	Flange Type	VSWR	Dimensions, inch (mm)
WBE(H)090-01	8.2~12.5	WR-90		1.05:1	70
WBE(H)075-01	10.0~15.0	WR-75		1.05:1	50
WBE(H)062-01	12.0~18.0	WR-62	UG419/U	1.05:1	50
WBE(H)051-01	15.0~22.0	WR-51	UG595/U	1.05:1	38
WBE(H)042-01	18.0~26.5	WR-42	UG595/U	1.08:1	38
WBE(H)034-01	22.0~33.0	WR-34	UG1530/U	1.08:1	38
WBE(H)028-01	26.5~40.0	WR-28	UG599/U	1.08:1	38
WBE(H)022-01	33.0~50.0	WR-22	UG383/U	1.1:1	38
WBE(H)019-01	40.0~60.0	WR-19		1.1:1	38
WBE(H)015-01	50.0~75.0	WR-15	UG385/U	1.1:1	38
WBE(H)012-01	60.0~90.0	WR-12	UG387/U	1.1:1	38
WBE(H)010-01	75.0~110.0	WR-10	UG387/U	1.1:1	38

