

Key Features

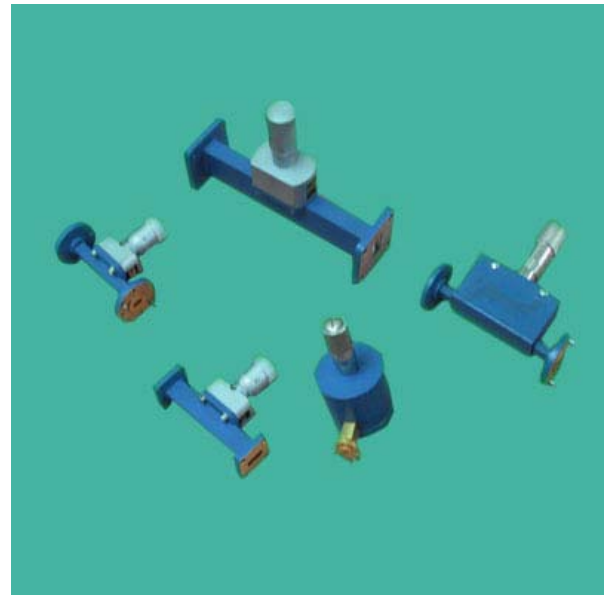
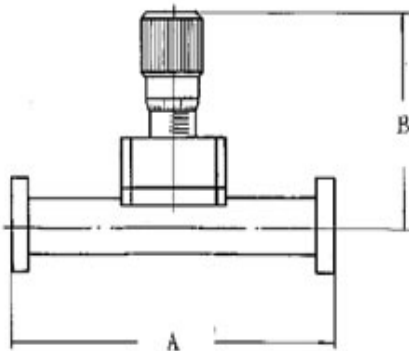
- Full band operation
- 0° to 180° phase shifting
- Minimum insertion loss

Primary Applications

- Test benches
- Microwave sub-systems
- Prototypes

General Description

Standard WPS series are offered for frequency range from 8 to 110 GHz with phase shifting 0° to 180° minimum. The micrometer allows fine and repeatable phase setting. Custom design can cover frequency range from 1.45~110GHz.

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

Part No.	Frequency Range, GHz	Waveguide sizes	Flange Type	Phase Shift	VSWR	Dimensions, inch (mm)	
						A	H
WPS090-01	8.20~12.4	WR-90	UG39/U	>180°	1.2:1	150	70
WPS075-01	10.0~15.0	WR-75	UBR120	>180°	1.2:1	130	70
WPS062-01	12.0~18.0	WR-62	UG419/U	>180°	1.2:1	110	65
WPS051-01	15.0~22.0	WR-51	UG595/U	>180°	1.2:1		
WPS042-01	18.0~26.5	WR-42	UG595/U	>180°	1.2:1	75	60
WPS034-01	22.0~33.0	WR-34	UG1530/U	>180°	1.2:1	75	60
WPS028-01	26.5~40.0	WR-28	UG599/U	>180°	1.2:1	65	55
WPS022-01	33.0~50.0	WR-22	UG383/U	>180°	1.2:1	60	55
WPS019-01	40.0~60.0	WR-19	UG383/U	>180°	1.2:1	60	55
WPS015-01	50.0~75.0	WR-15	UG387/U	>180°	1.2:1	60	55
WPS012-01	60.0~90.0	WR-12	UG387/U	>180°	1.2:1	60	55
WPS010-01	75.0~110.0	WR-10	UG387/U	>180°	1.2:1	60	55