

Key Features:

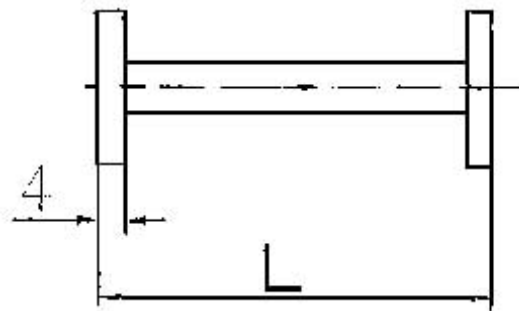
- Full band operation
- Low insertion loss and low VSWR
- Low cost

Primary Applications:

- Bench test setups
- Microwave sub-systems

General Description:

Standard WSW series straight waveguide sections are offered for the inter-connection between the waveguide ports with standard length in 1" incremental in the frequency range from 1.45~110.0GHz. Customer-specified lengths are available per request.

**Outline Drawing:****Typical Specification:**

Part No.	Frequency Range, GHz	Waveguide sizes	Flange Type	VSWR	Dimensions, inch (mm)
WSW090-LU	8.2~12.4	WR-90	UG39/U	1.05:1	L
WSW075-LU	10.0~15.0	WR-75	UBR120	1.05:1	L
WSW062-LU	12.0~18.0	WR-62	UG419/U	1.05:1	L
WSW051-LU	14.5~22.0	WR-51	UG595/U	1.05:1	L
WSW042-LU	18.0~26.5	WR-42	UG595/U	1.05:1	L

WSW034-LU	22.0~33.0	WR-34	UG1530/U	1.05:1	L
WSW028-LU	26.5~40.0	WR-28	UG599/U	1.05:1	L
WSW022-LU	33.0~50.0	WR-22	UG383/U	1.05:1	L
WSW019-LU	40.0~60.0	WR-19	EG383/U	1.05:1	L
WSW015-LU	50.0~75.0	WR-15	UG385/U	1.05:1	L
WSW012-LU	60.0~90.0	WR-12	UG387/U	1.08:1	L
WSW010-LU	70.0~110.0	WR-10	UG387/U	1.10:1	L

Ordering Information:

WSW XXX-LU

XXX- waveguide size

L- waveguide length in inch or millimeter

U- length units, E represents inch, M represents millimeters

Examples: WSW042-2E is a section of 2 inch WR42 waveguide and WSW042-50M is a 50mm long WR42 waveguide section.