

Tapered Waveguide



Model 9051 transitions are meant for connecting the circular waveguide to the corresponding rectangular waveguide or vice versa. These are so designed to give lowest VSWR through out the frequency band.

These are fabricated by precise and well-controlled electroforming process.

Please mention the size & drawing of the flanges particularly on the round waveguide side.

Model NO.	Frequency Range (GHz)	Max. VSWR	Waveguide Type (WR-)	Flanges Type (UG-/U)
ST-S-9051	2.60-3.95	1.12	284	53
ST-C-9051	3.95-5.85	1.12	187	149A
ST-J-9051	5.85-8.20	1.12	137	344
ST-X-9051	8.20-12.4	1.12	90	39
ST-Ku-9051	12.4-18.0	1.15	62	419
ST-K-9051	18.0-26.5	1.15	42	595
ST-R-9051	26.5-40.0	1.15	28	599
ST-V-9051	50.0-75.0	1.20	15	385
ST-W-9051	75.0-110.0	1.20	10	387

Note : Circular W.G. will have round-flanges. Frequency-range will be corresponding to that of round waveguide.