

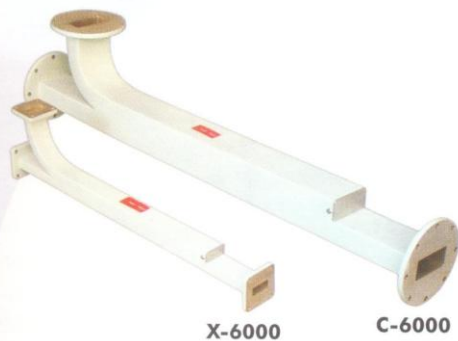


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MULTI HOLE DIRECTIONAL COUPLERS



- Model 6000 Series Multihole Directional couplers are useful for sampling a part of microwave energy for monitoring purpose and for measuring reflections and impedance.
- These consists of a section of waveguide with addition of second parallel section of waveguide thus making it a four port network. However the fourth port is terminated with a matched load. These two parallel sections are coupled to each other through many holes, almost to give uniform coupling, minimum frequency sensitivity and high directivity. These are normally available in 3,6,10,20 & 40 db couplings.
- Dual Directional couplers for use as bridges are also available.

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Model No.	Frequency Range	Coupling (dB)	Directivity(dB)	Waveguide Type	Flange Type
ST-C-6000	3.95-5.85	3,10,20	35	187	149A
ST-J-6000	5.85-8.20	3,10,20	35	137	344
ST-X-6000	8.20-12.4	3,10,20,40	35	90	39
ST-Ku-6000	12.4-18.0	3,10,20	35	62	419
ST-K-6000	18.0-26.5	10,20	30	42	595
ST-R-6000	26.5-40.0	10,20	30	28	599
ST-V-6000	50.0-75.0	10,20	30	15	387
ST-W-6000	75.0-110.0	10,20	30	10	385

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