

## Synergy Telecom P Ltd.

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## **MULTIHOLE 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 Nonergy Tele	Frequency Ra	<b>nge</b> ergy	Coupling (dB)	S	Directivity(dB)(P)	Wav	<b>reguide</b> y Teled	Flange_td
						Type		Туре
ST-C-6000 nergy Tele	3.95-5.85	Synergy	3,10,20 <sup>(P) Ltd</sup>	S	/1 <b>35</b> gy Telecom (P)	187	Synergy Telec	149A Ltd
ST-J-6000 Synergy Tele	5.85-8.20	Svnergy T	3,10,20 Telecom (P) Ltd	S	35 /nergy Telecom (P)	137	Synergy Telec	344 om (P) Ltd
ST-X-6000	8.20-12.4	, , , , ,	3,10,20,40		35	90	,	39
ST-Ku-6000 ergy Tel	12.4-18.0	Synergy	3,10,20	Si	/1 <mark>35</mark> gy Telecom (P)	62	Synergy Telec	419 <sup>P) Ltd</sup>
ST-K-6000 nergy Tel	18.0-26.5	Synergy	<b>10,20</b> n (P) Ltd	Si	/1 <b>30</b> gy Telecom (P)	42	Synergy Telec	₀ <b>595</b> P) Ltd
ST-R-6000	26.5-40.0	Synargy	10,20	0	30	28	Synargy Tales	599
ST-V-6000	50.0-75.0	- y	10,20	(	30	15	aymengy relec	387
ST-W-6000 ergy Tel	75.0-110.0	Synergy	(P) Ltd	Si	/1 <b>30</b> gy Telecom (P)	10	Synergy Telec	<b>385</b> P) Ltd

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