

Data Sheet

DC4000U10-120

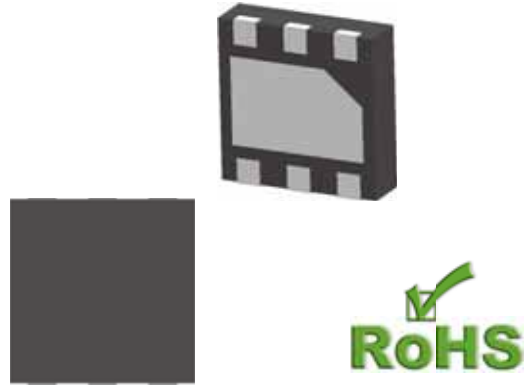
Directional Coupler

700 MHz-4.0 GHz



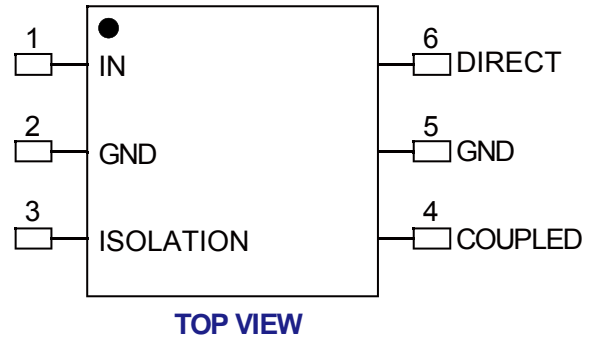
Features

- Small Size (2×2mm)
- Very Low Loss
- Excellent directivity
- Broad frequency coverage
- High Isolation
- Low VSWR
- Good Repeatability
- Tape & Reel
- Power handling:4 watts



Applications

- Phase shifter / Attenuator
- Balanced amplifier / LNA configurations
- Modulators
- Mixers
- Power combining /dividing



Electrical Specifications at 25° C

Part No.	Freq. Range (MHz) FL~FU	Power (W)	Size LxW (mm)	Coupling (dB)	Insertion loss (dB)	VSWR(:1)	Directivity (dB)
DC4000U10-120	700~850	4	2X2	22.2	0.21	1.07	20.1
	850~960			21.3	0.21	1.07	19.9
	960~1400			18.1	0.27	1.09	19.1
	1400~1700			16.6	0.31	1.09	19
	1700~2000			15.4	0.35	1.09	19
	2000~2700			13.3	0.46	1.07	19
	2700~4000			11	0.85	1.43	13.8

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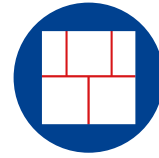
Add : 3F, Building 3, Southern District 2 of Zhongguan Honghualing Industrial Park, Xili, Nanshan, Shenzhen, China
 Tel : 86-755-8355-1886 Fax : 86-755-8355-2533

For detailed performance specs & shopping online see Yantel web site : www.yantel-corp.com

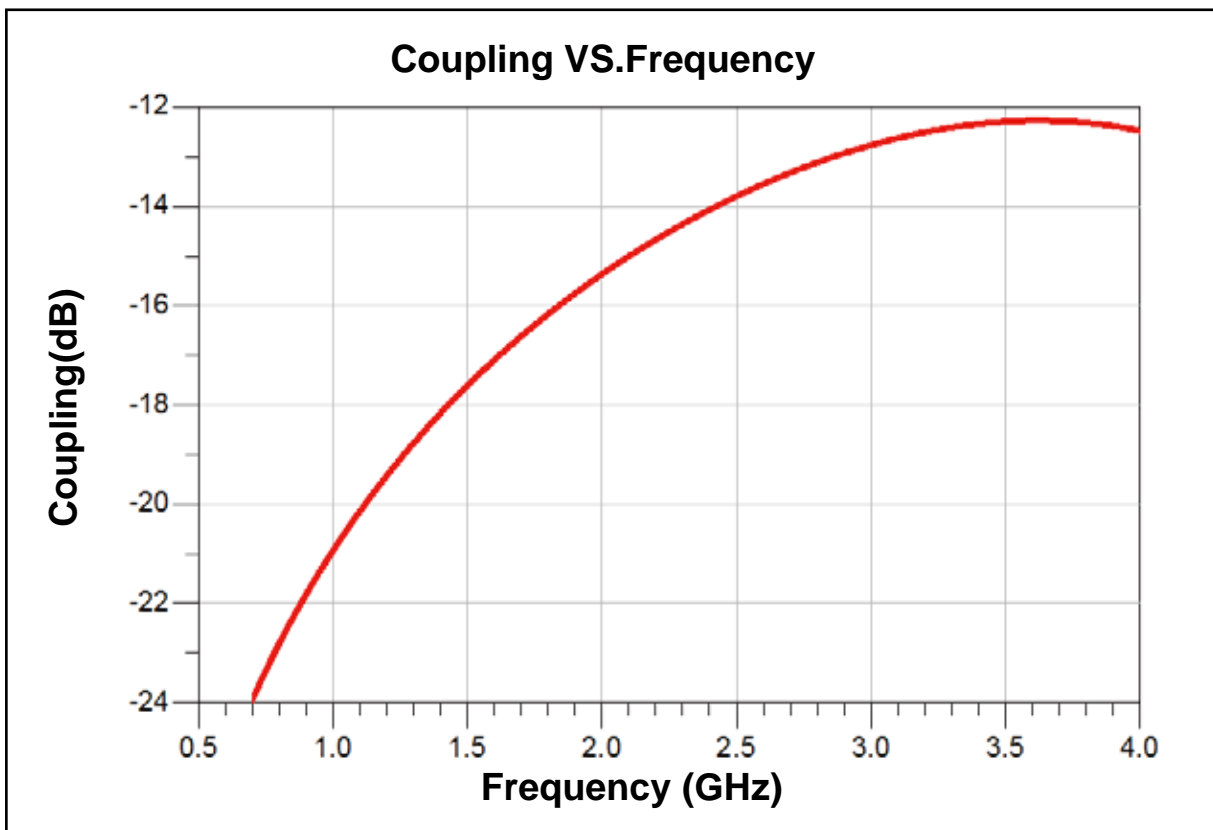
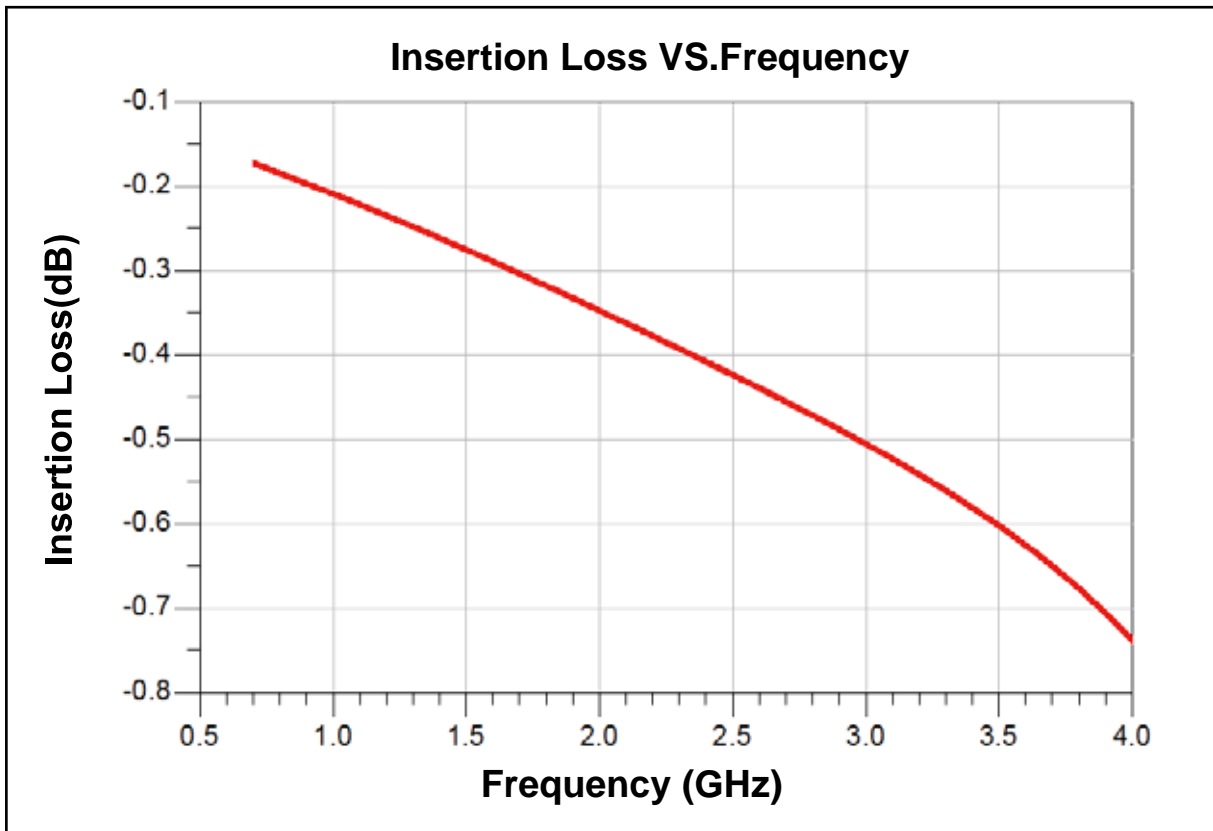
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Key Patents Lead Microwave Tech



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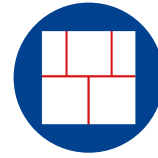
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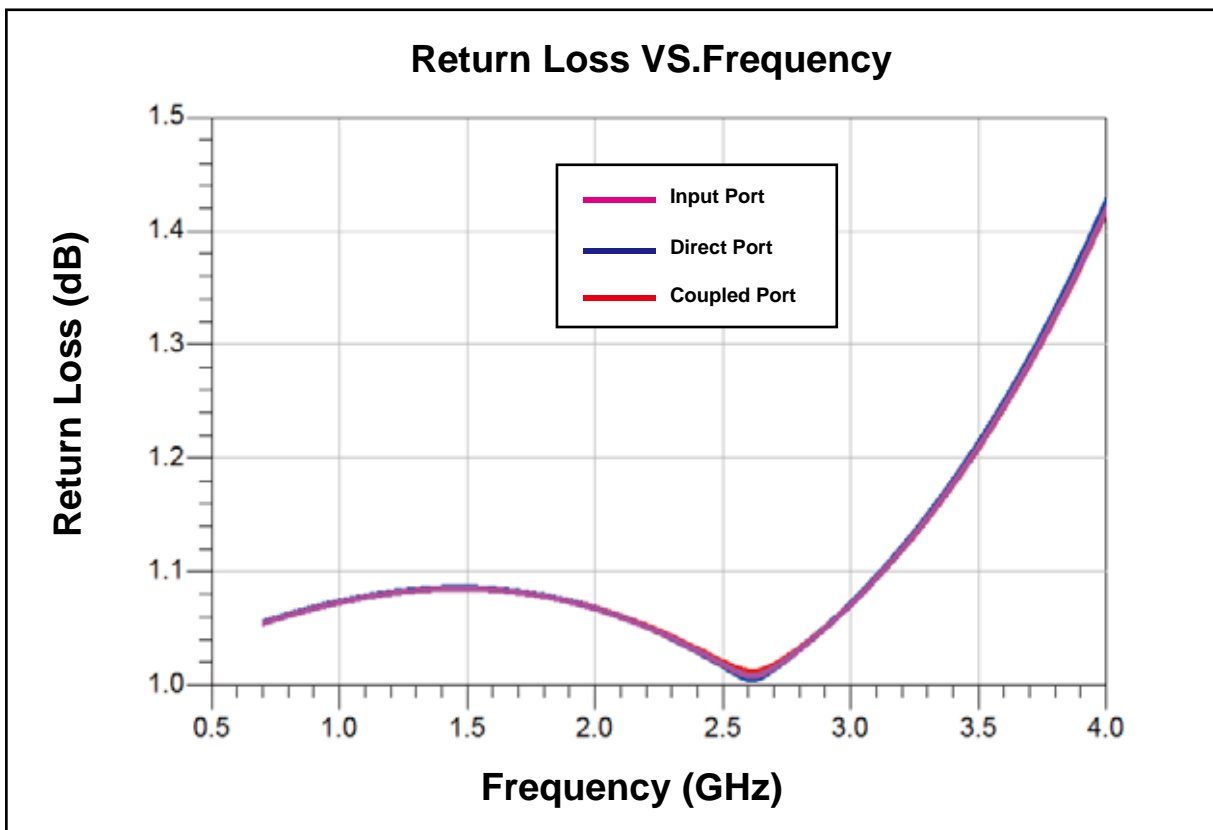
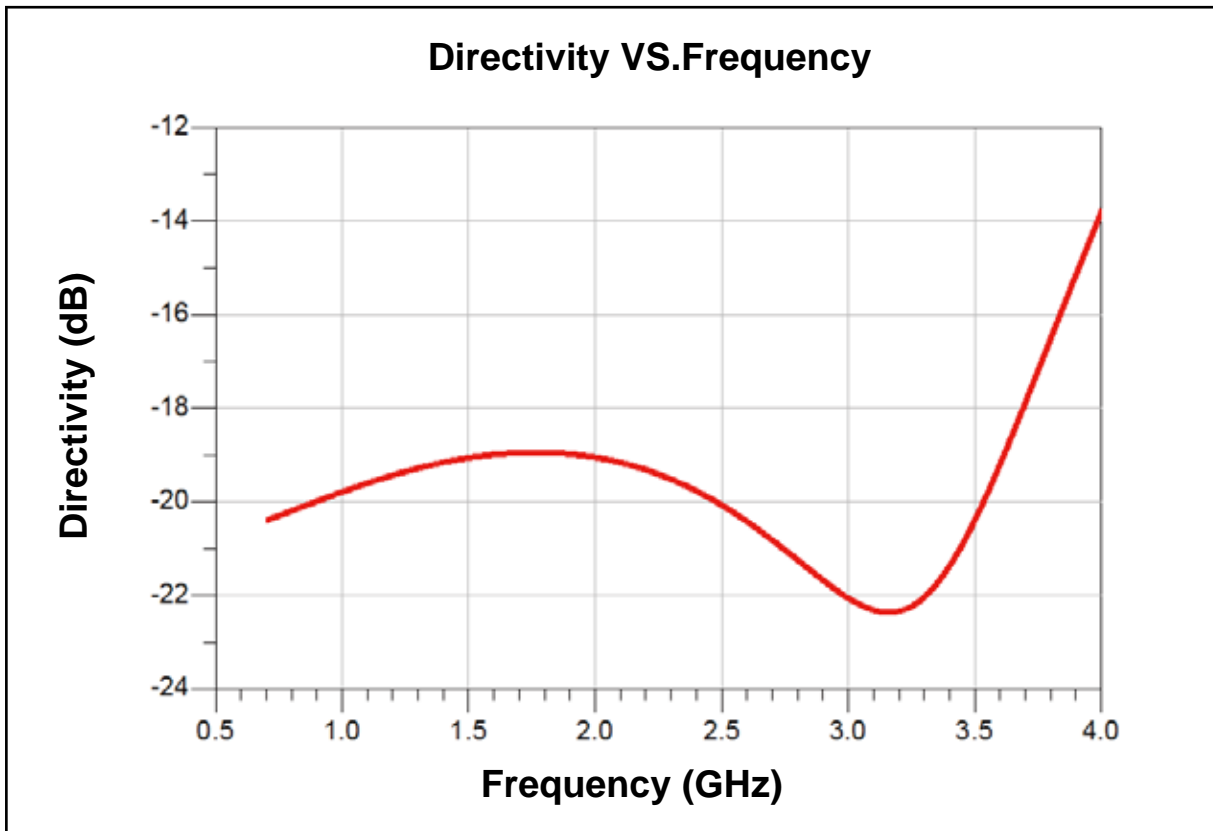
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