

Features

- ♦ Frequency: 10MHz~20GHz
- ♦ High directivity: 20dB
- ♦ Low return loss: 15dB
- ♦ Coupling factor deviation: 2dB

Applications

- ♦ Laboratories
- ♦ Measurement system



Absolute Maximum Ratings

Parameter	Min.	Max.	Unit
Input Power		+30	dBm
Operating Temperature	-20	+55	°C
Storage Temperature	-40	+70	°C

Typical Specification (@25°C)

Parameter	Test Condition	Typ.	Unit
Frequency Range		10M~20G	Hz
Coupling Factor		16	dB
Coupling Factor Deviation		2	dB
Directivity	10MHz~3GHz	30	dB
	3GHz~6GHz	25	dB
	6GHz~10GHz	20	dB
	10GHz~20GHz	15	dB

Return Loss	Input Port	20	dB
	Output Port	15	dB
	Couple Port	15	dB
Insertion Loss	10MHz~3GHz	2.5	dB
	3GHz~10GHz	3.0	dB
	10GHz~20GHz	3.5	dB

Connector

Port	Note
Input Port	3.5mm female connector, matched to 50 Ohm
Output Port	3.5mm female connector, matched to 50 Ohm
Couple Port	3.5mm female connector, matched to 50 Ohm

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