



0110A05801M-XX

Directional Coupler

0.5-8GHz SMA 50W Directional Coupler

Features

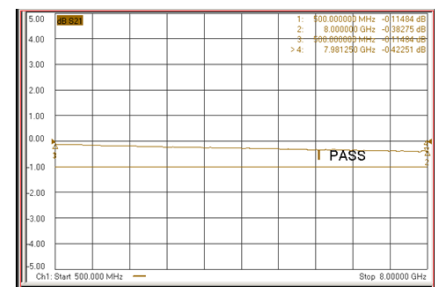
- ✔ Miniature Size
- ✔ High Directivity
- ✔ Low VSWR
- ✔ Stripline Construction



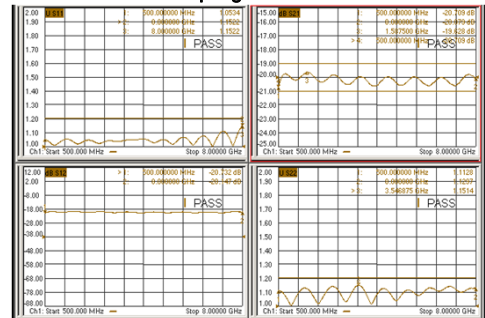
Test Report

20dB:

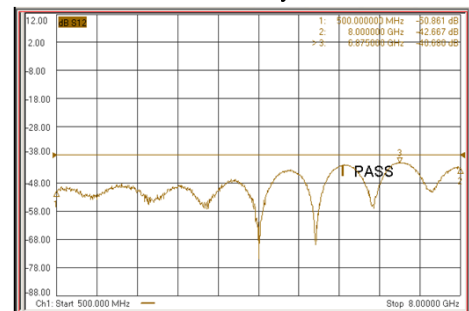
Insertion Loss



Coupling/VSWR



Directivity



Electrical Specifications

Frequency	0.5-8GHz
Coupling Available:	10,20,30dB
Coupling Accuracy	±1dB
Coupling Sensitivity	10dB:±0.7dB 20dB:±0.8dB 30dB:±1.0dB
Insertion Loss (Theoretical Insertion Loss not included)	10,20dB:0.7dB(Max.) 30dB:1.0dB(Max.)
VSWR	10,20dB:1.2:1(Max.) 30dB:1.25:1(Max.)
Directivity	18dB(Min.)
Input Power	50W
Impedance	50Ohm
Connection	SMA

Mechanical

Durability	500 Cycles
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Environmental

Operating Temperature	-40°C~80°C
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Material

Part	Material	Plated
Housing	Aluminum	Grey
Connector Body	Stainless Steel	

Outling Drawing (Unit:mm) Tolentrances:±0.3

