

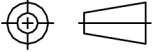

APPLICATIONS and Usage	Product FEATURES
<ul style="list-style-type: none"> <li>• Test equipment</li> <li>• Radar &amp; Warfare system</li> <li>• Communication system</li> </ul>	<ul style="list-style-type: none"> <li>• Solid State, Mixture Integrated</li> <li>• High Speed, Low Loss, High Isolation Integral with Driver</li> <li>• Field Removable SMA (F) Connector</li> <li>• Operating Temperature:-55~+85°C</li> <li>• Control: TTL"0" Loss, TTL"1" Isolation</li> </ul>

### ELECTRICAL SPECIFICATIONS @25°C:

Parameter	Min	Typical	Max	Units
Frequency Range	1		1.1	GHz
insertion Loss			1	dB
Isolation	50			dB
VSWR			1.5	Ratio
Switching Speed	1		2	us
Power Handling Average CW	50			Watt
DC Power Supply +5V		200		mA
DC Power Supply -12V		50		mA

### ENVIRONMENTAL RATINGS:

Parameter	Min	Typical	Max	Units
Operating Temperature	-40		+70	°C
Non-operating Temperature	-55		+85	°C
Relative humidity (non-condensing)		95		%
Altitude (MIL-STD-810F)	10000		30000	feet
Shock / Vibration (MIL-STD-810F)		Air bone		

All Features is customizable Based on Customer Request	<b>Part Number: SI411-01115M</b>	
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## MECHANICAL SPECIFICATIONS:

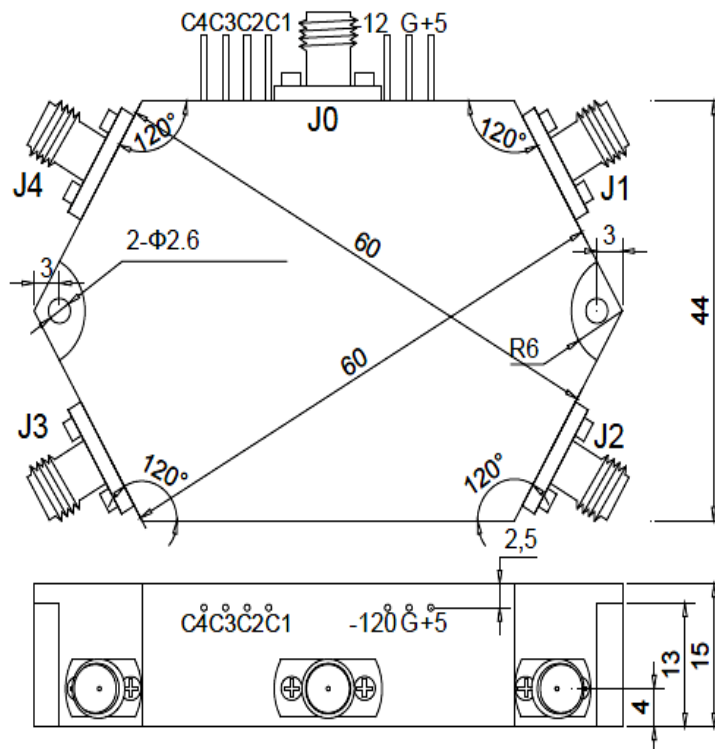
Parameter	Value	Limits	Units
Dimensions (L*W*H)	44*15	Max	Millimeter
Weight	100	Max	gram
RF Connectors Input	SMA-F		
RF Connectors output	SMA-F		
Impedance	50		Ohms

## TTL CONTROL LOGIC:

- TTL 0 (low) (0 to 0.8 V) : Loss
- TTL 1 (high) (2.4 to 4.7 V) : Isolation

C4	C3	C2	C1	Single Path
1	1	1	0	J0-J1
1	1	0	1	J0-J2
1	0	1	1	J0-J3
0	1	1	1	J0-J4

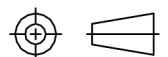
## OUTLINE DRAWING (mm):



4W16

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