

Features

- TTL-Compatible Driver
- Broad Operating Bandwidth
- Customization Available

Applications

- Test Instrument
- Telecom Infrastructure
- Microwave Radio

Parameter	Min.	Typ.	Max.	Unit
Frequency	1		20	GHz
Insertion Loss			3.5	dB
VSWR			2	/
Isolation	60			dB
Switching Speed			100	ns
CW RF Power, Operating			30	dBm
DC Bias		+5±0.5V@350mA Max. -5±0.5V@50mA Max.		
Material		Aluminum		
Finish		Gold Plating		
Input/Output Connector		SMA-Female / SMA-Female		
Operational Temperature		-45°C~+85°C		
Storage Temperature		-55°C~+125°C		
Humidity		100% RH at 35c, 95%RH at 40 deg c		

Yach reserves the right to change this datasheet without notice!

Absolute Maximum Ratings	
Biasing	+5V, -5V
TTL Control Voltage	+5V/0V
Input RF power	+30dBm

Truth Table

Control Input TTL							Signal Path State
E7	E6	E5	E4	E3	E2	E1	
1	1	1	1	1	1	0	J0-J1
1	1	1	1	1	0	1	J0-J2
1	1	1	1	0	1	1	J0-J3
1	1	1	0	1	1	1	J0-J4
1	1	0	1	1	1	1	J0-J5
1	0	1	1	1	1	1	J0-J6
0	1	1	1	1	1	1	J0-J7

Outline Drawing: Dimensions are in mm [inches]. Tolerance +/-0.1mm; Hole +/-0.1mm

