



**Features**

- Wide Band
- Low Insertion Loss/High Isolation
- Customization Available

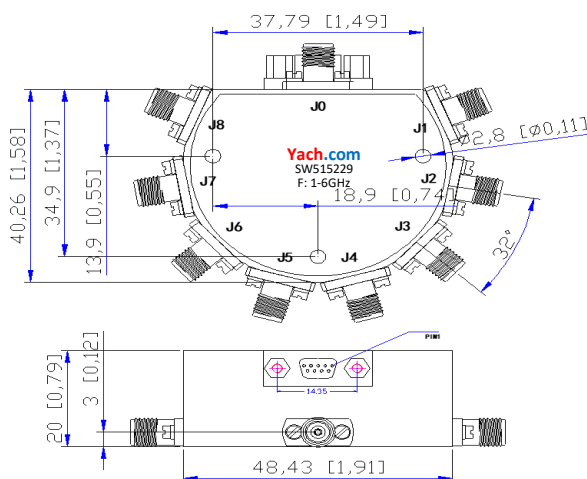
**Applications**

- Test Instrument
- Telecom Infrastructure
- Microwave Radio

Parameter	Min.	Typ.	Max.	Unit
Frequency	1		6	GHz
Insertion Loss			4.5	dB
VSWR			2.0	/
Isolation	60			dB
RF Input Power		30 dBm		
Bias Current (+5V /-5V)		350 / 50 mA		
TTL Control Voltage		+5V/0V		
Switching Time		100 ns		
Impedance		50 Ω		
Connector		SMA Female		
Material/Finishing		Aluminum/Nickel Plating		
Operation Temperature		-45 to+85°C		
Storage Temperature		-55 to+125°C		

Yach reserves the right to change this datasheet without notice!

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



Truth Table

Signal Path State	Control Input TTL			
	E1	E2	E3	E4
J0-J1	0	0	0	0
J0-J2	1	0	0	0
J0-J3	0	1	0	0
J0-J4	1	1	0	0
J0-J5	0	0	1	0
J0-J6	1	0	1	0
J0-J7	0	1	1	0
J0-J8	1	1	1	0
ALL OFF	0	0	0	1