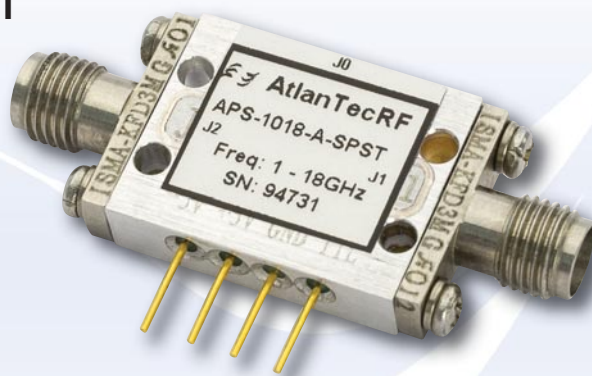


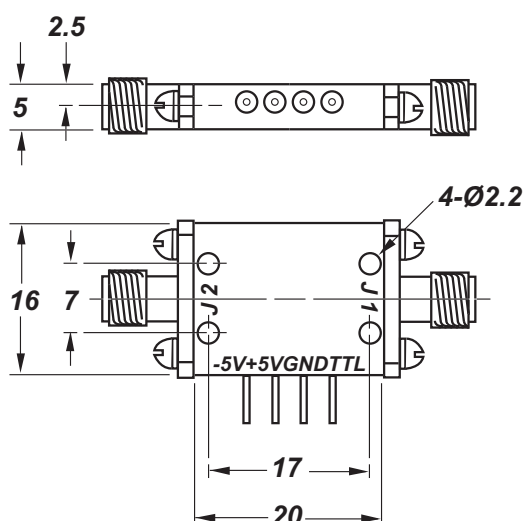
PIN Diode Switch

Models: APS-1018-A SPST & APS-2018-A SP2T Absorptive

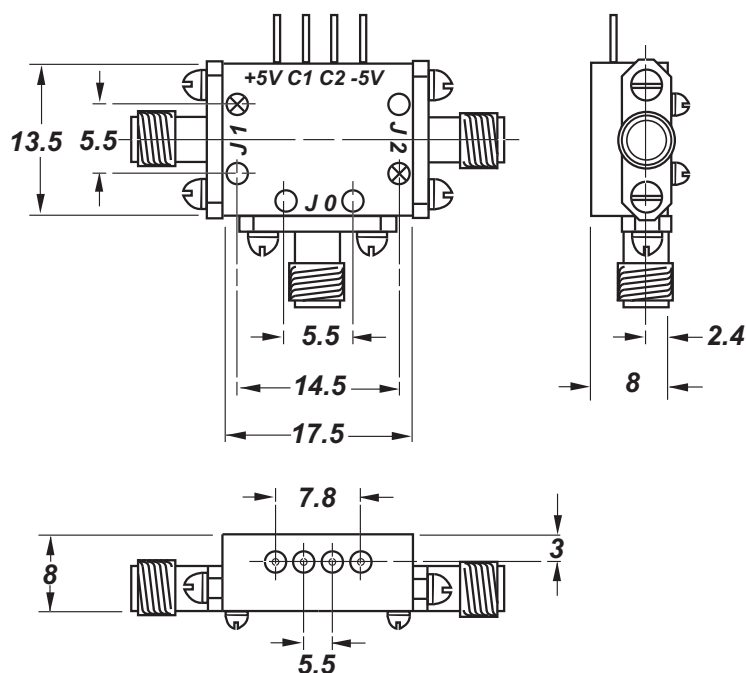


Parameter	APS-1018-A SPST Absorptive	APS-2018-A SP2T Absorptive
Frequency Range (GHz)	1-18	1-18
Isolation (dB) min.	70	70
Insertion Loss (dB) max.	3.0 (2.5dB typ.)	3.5
VSWR max.	2.0	2.0
Switch Time (ns) max.	100	100
Operating Power (mW) max.	200	200
No Damage Pulse Power (mW) max.	500	500
Power Supply (V) max.	+5V / 50mA, -5V / 50mA	+5V / 60mA, -5V / 40mA
Control Logic	TTL "0"→IL, "1"→ISO, 3.6V<"1"<5V	TTL "0"→IL, "1"→ISO, 3.6V<"1"<5V
Operating Temperature (C)	-55 to +85	-55 to +85
Impedance (ohms)	50	50
Finish	Inner - Gold Plated Surface - Alodine & Laser Sealed	Inner - Gold Plated Surface - Alodine & Laser Sealed
Connectors	SMA Female Input/Output	SMA Female Input/Output

Model: APS-1018-A SPST Absorptive



Model: APS-2018-A SP2T Absorptive



Dimensions in mm

We reserve the right to change standard product specifications without notice but will be pleased to consider control drawings for quotation.

Control Components

Tel. +44 (0) 1376 550220 Fax. +44 (0) 1376 552145 Email: sales@atlantecrf.com www.atlantecrf.com
40A Springwood Drive, Braintree, Essex CM7 2YN, England