

AV-SW4 Series Antenna Switch

Specification

/	AV-SW4M	AV-SW4N	AV-SW4-M-2M2N	AV-SW4-N-2M2N
Frequency Range	DC-900MHz	DC-1500MHz	DC-900MHz	SO-239 Port DC-900MHz N CONNECTOR DC-1500MHz
Connector Type	Input Port 1 SO-239 Output Port 4 SO-239	Input Port 1 N Connector Female type Output Port 4 N Connector Female type	Input Port 1 SO-239 Output Port 2 SO-239 2 N Connector Female type	Input Port 1 N Connector Female type Output Port 2 SO-239 2 N Connector Female type
Power Range				
DC-30MHz	1.5KW	1.5KW	1.5KW	1.5KW
30MHz-200MHz	1.0KW	1.0KW	1.0KW	1.0KW
200MHz-500MHz	500W	500W	500W	500W
500MHz-900MHz	150W	250W	250W	250W
900MHz-1.5GHz		150W		150W
Insertion Loss				
DC-500MHz	$\geq 0.1\text{dB}$	$\geq 0.1\text{dB}$	$\geq 0.1\text{dB}$	$\geq 0.1\text{dB}$
500MHz-900MHz	$\geq 0.2\text{dB}$	$\geq 0.2\text{dB}$	$\geq 0.2\text{dB}$	$\geq 0.2\text{dB}$
900MHz-1.5GHz		$\geq 0.3\text{dB}$		$\geq 0.3\text{dB}$
Output Port Isolation				
DC-500MHz	$\leq 60\text{dB}$	$\leq 60\text{dB}$	$\leq 60\text{dB}$	$\leq 60\text{dB}$
500MHz-900MHz	$\leq 55\text{dB}$	$\leq 55\text{dB}$	$\leq 55\text{dB}$	$\leq 55\text{dB}$
900MHz-1.5GHz		$\leq 50\text{dB}$		$\leq 50\text{dB}$
Vswr				
DC-500MHz	≥ 1.10	≥ 1.15	≥ 1.15	≥ 1.15
500MHz-900MHz	≥ 1.25	≥ 1.20	≥ 1.20	≥ 1.20
900MHz-1.5GHz		≥ 1.25		≥ 1.25