



Agilent N2272A 1 GHz 1x9 RF Multiplexer Module

Data Sheet

Specifications

<u>Input Characteristics</u>		<u>DC Performance</u>			
Total Channels:	9	Thermal Offset:	<8 μ V		
Maximum Voltage:	24V	Initial Closed Channel Resistance:	<0.8 Ω		
Maximum Current:	1A	Insulation Resistance (between terminals):			
Maximum Power:	24W	<(25°C, 50% RH)	>10 ¹⁰ Ω		
Characteristic Impedance:	50 Ω	Capacitance:			
Connector:	BNC	Center-Center	<0.006pF		
Relay life		Center-Shield	<60pF		
Mechanical	5x10 ⁶	Rise Time:	<500psec		
Electrical (<u>24V@1A DC</u>)	10 ⁵	Signal Delay:	<2.5nsec		
<u>AC Performance</u>		100 MHz	300 MHz	800 MHz	1 GHz
<u>Insertion Loss</u>		<0.5dB	<0.8dB	<1.8dB	<2.5dB
<u>Crosstalk (Channel-Channel)</u>		<-75dB	<-65dB	<-55dB	<-50dB
<u>VSWR</u>		<1.20	<1.30	<1.35	<1.55



