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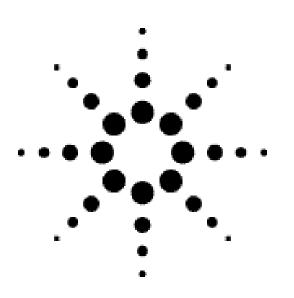
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Agilent Technologies 44470A 10-Channel Multiplexer Module

Data Sheet

General Specifications

Relays: Armature latching relay

Thermal Offset: Thermal Offset: <3 uV /channel

Relay Life (Mechanical): 10⁶ Maximum Scan Rate: >43 Chan./sec

Input Characteristics

Maximum Current: 2A Maximum Voltage: 250V Maximum Power: 60W or 125VA

Initial Closed Channel Resistance: <1 Ohm

DC Isolation(<40°C, 60% RH)

Open Channel, Channel:>10¹¹ Ohm

 $HI-LO: >10^{10} Ohm$

Channel-Chassis:>10¹⁰ Ohm

AC Isolation

Capacitance (with 1 channel closed):

 $Open\ Channel,\ Channel-Channel:\ <5pF$

HI-LO: <27pF

Channel-Chassis: <80pF

Insertion Loss (with 50 Ohm termination):

100kHz < 0.20dB

1MHz < 0.25dB

10MHz < 0.50dB

Crosstalk (with 50 Ohm termination):

100kHz <-73dB

1MHz < -53dB

10MHz <-33dB

Module accessories

Agilent 44480A Screw terminal block for Agilent 44470A

**Note: All voltage and current are in DC or AC RMS if not specified





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