

Application Note



ACT 8500/1/2/3/4/5 Analog Multiplexer Module Series

Input and Output Capacitance

Typical Input Capacitance Measurements 1/ 2/ 3/

Aeroflex-Plainview MUX Model #	8500	8501	8502	8503	8504	8505
Input Capacitance (pF) @ 1KHz	70	70	70	70	70	15
@ 300KHz	68	68	68	68	68	12

Typical Output Capacitance Measurements 1/ 2/ 3/

Aeroflex-Plainview MUX Model #	8500	8501	8502	8503	8504		8505	
					All Outputs except Mux Monitor Output	Mux Monitor Output	All Outputs except Mux Monitor Output	Mux Monitor Output
Output Capacitance (pF) @ 1KHz	32	32	32	32	45	32	45	32
@ 300KHz	26	26	26	26	35	26	35	26

Notes:

1/ +VCC, -VEE & VREF tied to GND.

2/ Capacitance measured with a Wayne Kerr MultiBridge model 6425 @ 100mVAC signal.

3/ All measurements to GND.