

JDSU MTA 300
Optical Attenuator Cassette



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ASC Technician's Report

JDS Attenuator Shelf w/ Optical Switches & Switch Controller

Attenuator shelf model: MTA100
Controller model: SA8MTA120
1x4 Switch model: SA8MTA200

ASC Programming Guide:

You can send SCPI commands to the attenuator shelf over GPIB using Agilent's IO Suite, National Instrument's Measurement & Automation, or another control program that talks through the IEEE-488.2 (GPIB) interface.

Common Commands:

*IDN? -Returns: JDS UNIPHASE, MTA-SW, 0, revision
*TST? -Returns: 0 if self test passed, or 1 if it failed
*RST -Restarts system
SYST:ERR? -Returns system error in numeric format, refer to JDS MTA Series Manual for error codes.

Other Commands: (refer to JDS MTA Series Manual for these commands and any other command not listed here)

*CLS *OPT?
*ESE *SRE
*ESE? *SRE?
*ESR? *OPC
*STB? *WAI

Switching Command:

ROUTe:CLOSe (@#) - No response

Where # is a numeric value, ranging from 0-31. That numeric value is the channel you want to select. You can have a maximum of (8) SA8MTA200 1x4 switches in the MTA system. Therefore there is a maximum of 32 channels.

Channel	Numeric Value
0	0-3
1	4-7
2	8-11
3	12-15
4	16-19
5	20-23
6	24-27
7	28-31

Example:

ROUT:CLOS (@21) -This command connects the common on the card in slot 5 to channel 2 on that same card

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