

Model 218 and 219, 8 x 8 Video Router

The Model 218 and 219 Video Routers are intended for distributing video and telemetry signals to eight users. Both models feature Full Fan Out architectures; any input can be routed to multiple output ports.

The 218 and 219 are extended bandwidth DC coupled physical layer switches. They are not video format sensitive. You may mix rates, encoding, formatting and even use custom variations. The model 218 is for 50 ohm applications and the model 219 for 75 ohm users.

The unit's front panel display and key area permits local users to view and change routings, as well as checking the health and status of the chassis. All functions and status are also accessible through the remote interfaces. A simple ACSII literal based command set allows quick and easy remote control of the unit.

Electrical

Configuration	8 inputs x 8 outputs
Frequency Range	DC – 120 MHz
On Path Gain	0 +/- 1.0 dB
Off Path Isolation	80 dB min.
Distortion	-65 dBc
Nominal Operating Signal Levels	+/- 1.0 volt
Maximum Operating Signal Levels	+/- 2.0 volts
Switching Speed	1 mS
Impedance	50 ohms unbalanced, model 218 75 ohms unbalanced, model 219
Primary Power	115/230VAC, 50/60Hz, 45 watts
Remote Control Interfaces	RS-232/574 (DTE) RS-422 or RS-485 (two wire) 10/100BaseT (RJ45)

Mechanical

Chassis Size	2U (3.5")H x 19"W x 20"D
RF Connectors	BNC female

Environmental

Operating Temperature	0 to +50 C
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Ordering and Configuration Information

218 (50 ohms)

219 (75 ohms)

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