

## ***2600 range 4x1 video routing matrix***

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### ***Introduction***

The 4x1 video routing matrix is in the expanding 2600 range which provides the necessary interfacing for analogue audio and video equipment in a 2U frame format with each module having its own independent power supply. Designed to the highest specifications and meeting all relevant international standards including CE approval, modules can be used individually or mixed with others in the range to increase the functionality.

Up to 9 modules can be housed in the 5AV2645 2U rack mounting frame, up to 4 in the 5AV2641 1U frame and up to 2 in the 5AV2642 portable case.

### ***Description***

These composite analogue video routers can be combined and configured to operate as YUV, YC, RGB and RGBS.

### ***Features***

- Compact 4x1 routing switcher that can be mixed with all other 2600 series modules in the standard 1U or 2U rack mounting frames or the portable case.
- Can be combined and configured for YUV, YC and RGB or RGBS switching.
- Front panel and / or remote control.
- On board independent power supply.
- Serial control interface.



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## Specification

### VIDEO

#### Input

Number	4 BNC
Impedance	75Ω terminated
Return loss	<-52dB to 15kHz, <-46dB to 5.5MHz
Superimposed dc (max)	1V
Level	1Vp-p ±3dB

#### Output

Number	1 BNC
Impedance	75Ω
Return loss	<-46dB to 15kHz, <-40dB to 5.5MHz
Superimposed dc	clamped or dc servo (selectable)
Electrical length	25nS
Timing spread	±1°

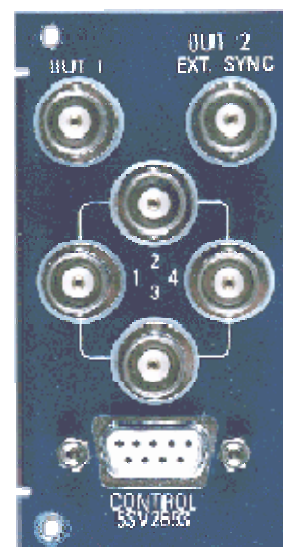
#### Performance

2T pulse to bar	0.2% K
2T bar	0.2% K
2T pulse	0.2% K
50Hz square wave	0.2% K
Differential phase	0.2°
Differential gain	0.2%
Luminance non-linearity	0.1%
Y/C gain inequality	±0.5%
Y/C gain delay	±1nS
Cross-talk	<-60dB @4.43MHz
Luminance noise weighted	<-80dB
Chrominance noise weighted	<-75dB

### CONTROL

Standard	RS-485
Protocol	DTL
Connector	9 way D type

NB Measurements refer to the 5SV2692M video matrix & 5SV2693 in a 5AV2645 frame.



## Ordering information

Part number	Description	Weight	Height	Width	Depth
5SV2692M	Master 4x1 video switcher module including front panel control	635g	88mm	44mm	300mm
5SV2692S	Slave 4x1 video switcher module	620g	88mm	44mm	300mm
5S2693	4x1 video rear connector	210g	88mm	44mm	120mm
9MW26901	Slave switcher front panel	10g	88mm	44mm	N/A
5S2696	Married/remote cable for up to 3 modules	N/A	N/A	N/A	N/A

We reserve the right to change technical specifications without prior notice. E&OE.

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