

2x1 High Resolution VGA/XGA Switcher



The ComDat Switcher is a high quality, micro-sized 2x1 mechanical switcher designed for VGA/XGA/UXGA signals using high-density 15 pin HD connectors. It accepts two inputs and allows the user to select either input using a switch located on the front panel. High quality switching components and careful circuit design are used to ensure very high bandwidth and minimal crosstalk. The Switcher PCB is strip line designed, ensuring minimal cross talk and signal bandwidth exceeding 1200MHz (1.2GHz!). The passive design of the Switcher eliminates the need for a power supply, and makes it possible to operate "backwards" by taking a single input and toggling between two displays. Note that it cannot route the signal to two ports simultaneously. The Switcher is part of the new ComDat Micro TOOLS family of products for applications requiring uncompromising quality and compact size at an affordable price



I TECHNICAL SPECIFICATIONS

INPUTS:	2 analog red, green, blue signals - 0.7 Vpp 75 Ω, H & V sync, TTL level, on HD15F connectors.
OUTPUT:	1 analog red, green, blue signals - 0.7 Vpp 75 Ω, H & V syncs, TTL level, on an HD15F connector.
BANDWIDTH (-3dB):	>1200MHz.
DIMENSIONS:	6 cm x 6.5 cm x 2.5 cm (2.36" x 2.56" x 1") W, D, H.
WEIGHT:	0.14kg. (0.31 lbs.) approx.
ACCESSORIES:	Mounting bracket.

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I TYPICAL APPLICATIONS

- Any presentation system requiring simple two-way VGA/XGA switching.
- Schools, churches.
- Rental/staging.
- Can be used for video, component, or other signals with BNC breakout cables.