

Title: Wideband Interim Supplement to Standard Tiger Video Manual

Product: Tiger Video Routing Switcher (Wideband)

Date: November 2007

Issue:

This Technical Bulletin has been issued to provide supplemental information on an interim basis, for the Wideband version of the Tiger Video Routing Switcher, until such time as the manual (81-9059-0403-0) is revised.

Solution:

The Tiger Video Routing Switcher (Wideband) is a new model of the standard Tiger analog video routing switcher. It has the same features as the standard model except the frequency response has been extended from 60MHz to 250MHz, as shown in Table 1. This model is capable of switching signals such as those required by high resolution computer video displays.

Except for the printed circuit boards shown in Table 2, there are no hardware differences between the Wideband, and the standard model. Information in the existing manual pertaining to interface connections and hardware configuration (e.g., DIP switches, jumpers, etc.) applies to the Wideband model as well.

Table 1. Frequency Response Comparison

Frequency	Standard Model	Wideband Model
To 10MHz	$\pm 0.1\text{dB}$	$\pm 0.1\text{dB}$
To 35MHz	$\pm 0.5\text{dB}$	$\pm 0.5\text{dB}$
At 60Mhz	+1.0dB to -3.0dB	$\pm 1.0\text{dB}$
At 250 MHz	N/A	$\pm 5.0\text{dB}$

Table 2. Printed Circuit Board Changes

Board	Standard P/N	Wideband P/N
Input Buffer	81-9065-1981-0	81-9065-2182-0
Midplane	81-9065-1965-0	81-9065-2170-0
48x16 Cross Point	81-9065-1980-0	81-9065-2193-0
Output Combiner	81-9065-1979-0	81-9065-2216-0
Output Combiner w/ Expansion	81-9065-2095-0	81-9065-2218-0