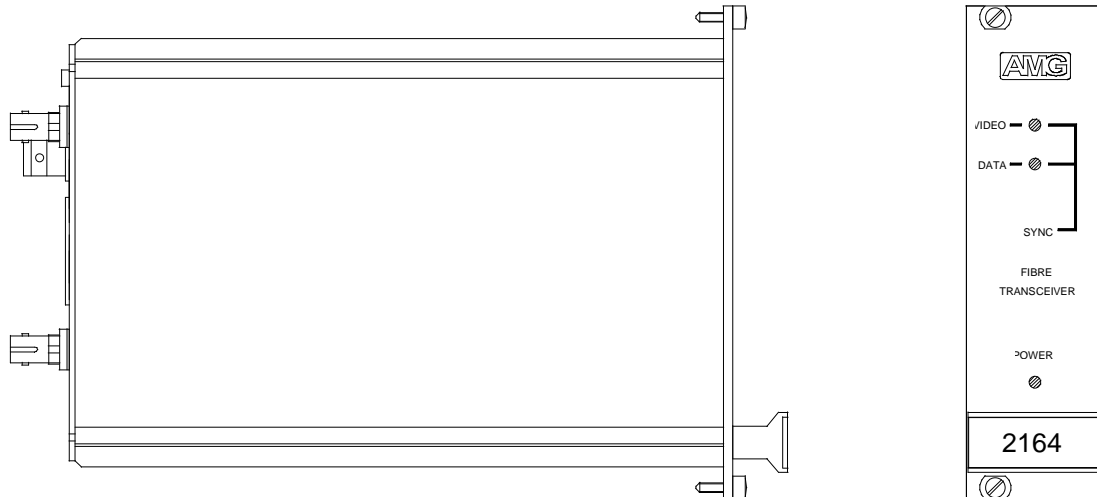




# AMG2164 Instruction Sheet

## AMG2164 Rackmount Video Transmit + Bi-directional TTL Data



### Video Connection

Connectors ..... 75 ohm BNC Socket.  
Input Impedance ..... 75 ohm terminated.  
Input Level ..... 1 volt p-p nominal.  
Frequency Response ..... 10Hz to 6MHz min.

### Optical Connection

Connectors ..... ST Style (2 off)  
Opto Out Launch Power  
50/125 ..... -20dBm. min.  
62.5/125 ..... -17dBm min.  
Wavelength ..... 850nm nominal.

### Data Connection

Connector ..... Push-in connector strip - 11way  
(Solid conductors  $0.5\text{mm}^2$  (20 awg) can be connected by simply push fitting into the appropriate connection hole. Smaller conductors and wires (up to  $0.5\text{mm}^2$ , 20 awg) are inserted into the connection space whilst depressing the orange lever. Wire or conductors should be stripped back to a length of 11mm. Use a small screwdriver to depress the orange lever to release the connection.)

Pinout ..... See Below – Note Pins number from the bottom of the unit

<b>Pin No.</b>	<b>Function</b>
1(bottom)	N/C
2	N/C
3	N/C
4	N/C
5	Power Ground
6	Auxiliary Power Input ( +15v to +18v dc )
<b>Data Interface</b>	<b>TTL</b>
7	Data Ground
8	Data Out
9	Data In
10	N/C
11	N/C

### Dimensions

Height ..... 3U  
Width ..... 7HP  
Depth ..... 205mm

### Mounting Details

The AMG2164 plugs into and is powered from the AMG2000 Subrack

### Indicators

Power ..... Green – lit when unit powered  
Video Sync ..... Green – lit when video signal present BNC input.  
Data Sync ..... Green – lit when data channel present.  
(Note: this does not indicate the presence of actual data)