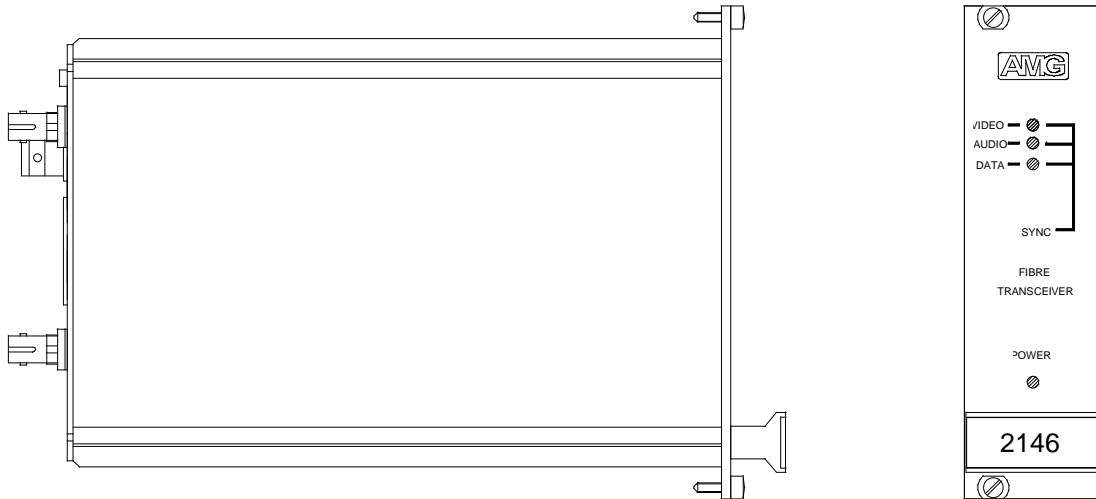




AMG2146 Instruction Sheet

AMG2146 Rackmount Video Transmit + Bi-directional Audio & Data FTT10A



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 0.5mm² (20 awg) can be connected by simply push fitting into the appropriate connection hole. Smaller conductors and wires (up to 0.5mm², 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

Pin No.	Function
1(bottom)	Audio Input
2	Audio Ground
3	Audio Output (+)
4	Audio Output (-)
5	Power Ground
6	Auxiliary Power Input (+15v to +18v dc)
Data Interface	FTT10A
7	(TTL Data Ground)
8	(TTL Data Out)
9	(TTL Data In)
10	FTT10A NODE A
11	FTT10A NODE B

Dimensions

Height 3U
Width 7HP
Depth 205mm

Mounting Details

The AMG2146 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.
Audio Sync Green – lit when audio channel present.
(Note: this does not indicate the presence of actual audio)
Data Sync Green – lit when data channel present.
(Note: this does not indicate the presence of actual data)