

Specifications — CAT 5 Transmitters

Video

Number/signal type	1, 2, or 4 sets of proprietary analog signals
Connectors	1, 2, or 4 RJ-45 female

Video input

Number/signal type	
CAT 5 T 15HD A	1 analog RGBHV, RGBS, RGsB, component video, or S-video; or 1 S-video and 1 NTSC/PAL/SECAM composite video from a single source; or 3 NTSC/PAL composite video from a single source
CAT 5 T 15HD AV	1 analog RGBHV, RGBS, RGsB, component video, or S-video; or 1 S-video and 1 NTSC/PAL/SECAM composite video from a single source; or 3 NTSC/PAL/SECAM composite video from a single source and 1 NTSC/PAL/SECAM composite video
CAT 5 T BNC	
CAT 5 T BNC DA4,	1 analog RGBHV, RGBS, RGsB, component video, or S-video; or 1 S-video and 1 NTSC/PAL/SECAM composite video from a single source; or 3 NTSC/PAL/SECAM composite video from a single source
CAT 5 T AV	1 NTSC/PAL/SECAM composite video
Connectors	
CAT 5 T 15HD A	1 15-pin HD female (Mac and Sun/SGI to VGA adapters are available)
CAT 5 T 15HD AV	1 15-pin HD female (Mac and Sun/SGI to VGA adapters are available), 1 RCA female
CAT 5 T BNC,	5 BNC female
CAT 5 T BNC DA4	
CAT 5 T AV	1 RCA female
Minimum/maximum level(s)	0.3V to 1.45V p-p with no offset at unity gain
Impedance	75 ohms
Horizontal frequency	15 kHz to 130 kHz
Vertical frequency	30 Hz to 150 Hz

Video output — refer to the CAT 5 Receivers Family User's Manual, part #68-547-01

Audio

Number/signal type	1, 2, or 4 sets of analog proprietary signals
Connectors	1, 2, or 4 RJ-45 female
Frequency response	20 Hz to 20 kHz, ± 0.05 dB
THD + noise	0.03% @ 1 kHz, 0.3% @ 20 kHz at rated maximum output drive (+19.5dBu input, +21dBu output)
S/N	>90dB at output +21dBu
Crosstalk	>80dB @ 1 kHz, fully loaded
Stereo channel separation	>80dB @ 1 kHz
CMRR	>75dB @ 20 Hz to 20 kHz

Audio input

Number/signal type	
CAT 5 T 15HD A,	
CAT 5 T AV	1 stereo, unbalanced
CAT 5 T 15HD AV	2 stereo, unbalanced
Connectors	
CAT 5 T 15HD A	1 3.5 mm mini jack
CAT 5 T 15HD AV	1 3.5 mm mini jack, 2 female RCA
CAT 5 T AV	2 female RCA
Impedance	10 kohms, unbalanced, DC coupled
Minimum level	100 mV
Maximum input level	+8.5dBu (balanced/unbalanced) @ stated %THD+N

CMRR >75dB @ 20 Hz to 20 kHz

Audio output — refer to the CAT 5 Receivers Family User’s Manual, part #68-547-01

General

Power 15VDC, 0.8A, external
CAT 5 T 15HD A,
CAT 5 T 15HD AV,
CAT 5 TBNC Power is provided by the CAT 5 receiver for up to 300' distance. Beyond 300' requires local power supply #70-057-01.
CAT 5 T 15HD A Power is provided by the CAT 5 receiver for up to 800' distance. Beyond 800' requires local power supply #70-057-01.
CAT 5 T BNC DA4 Includes power supply #70-057-01
Temperature/humidity Storage -40° to +158°F (-40° to +70°C) / 10% to 90%, non-condensing
Operating +32° to +122°F (0° to +50°C) / 10% to 90%, non-condensing

Rack mount
CAT 5 T 15HD A,
CAT 5 T 15HD AV,
CAT 5 T BNC,
CAT 5 T BNC DA4 Yes, with optional 1U rack shelf, part #60-190-01. Also rack shelf mounting kit #70-123-01, and furniture mountable with optional mounting brackets #70-077-01 or #70-077-02
CAT 5 T AV No, but furniture mountable with optional mounting brackets #70-077-01, 70-077-02

Enclosure type Metal

Enclosure dimensions
CAT 5 T 15HD A,
CAT 5 T 15HD AV,
CAT 5 T BNC,
CAT 5 T BNC DA4 1.25" H x 7.0" W x 4.5" D
3.18 cm H x 17.78 cm W x 11.43 cm D
(Depth excludes connectors.)
CAT 5 T AV 1.25" H x 4.75" W x 4.5" D
3.18 cm H x 12.07 cm W x 11.43 cm D
(Depth excludes connectors.)

Shipping weight 3 lbs (1.4 kg)
Vibration ISTA/NSTA 1A in carton (International Safe Transit Association)
Approvals UL, CUL, CE, FCC Class A
MTBF 30,000 hours
Warranty 2 years parts and labor

NOTE Specifications are subject to change without notice.