

JE-FS-1CH-AVT

Active Video Balun

Single Channel Active Video Transmitter



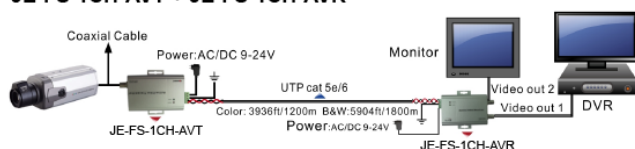
Applied Devices:

CCTV cameras, monitors, DVR, switchers, IP encoders, and other CCTV equipment

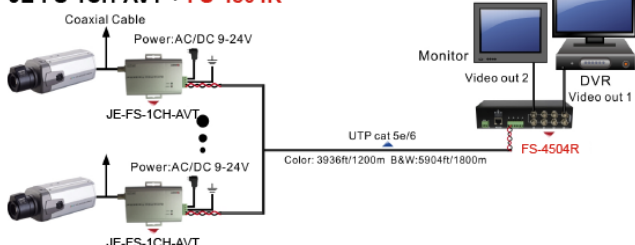
Key Features

- Full-motion color video signal up to 3936ft (1200m) via UTP cat5e/6
- NTSC, PAL & SECAM video format compatible
- Real-time transmission
- 12V/24V DC/AC power supply
- Adjustable for various video distance
- Female BNC connector
- Pluggable screw terminal block or UTP
- Exceptional interference rejection
- 70 dB crosstalk and noise immunity
- Full ground-loop immunity
- Built in TVS (Transient Voltage Suppressors) for surge protection
- Lightning protection design Grade:V
- Compact size and easy installation
- Silver galvanized housing

JE-FS-1CH-AVT + JE-FS-1CH-AVR



JE-FS-1CH-AVT + FS-4504R



Technical Specifications

JE-FS-1CH-AVT	
VIDEO	
Video Format	PAL, NTSC, SECAM
Operating Frequency	Signal Band: 250MHz (-3db) Balance Band: DC to 6MHz
Max Distance	UTP Category 5e (24AWG) Color: 3936ft (1200m) B&W: 6560ft (2000m)
Common/Differential-mode rejection	75 dB typ
Impedance	1.5 dB Max
Attenuation	Coax, female BNC 75Ω unbalanced UTP, screw terminal block or RJ45 100Ω balanced
Video Distance Adjustment	4-position dip switches
LED INDICATORS	
Red	Power-On
Yellow	"Active" signal present
WIRE TYPE	
Network Wiring	One Unshielded Twisted Pair (for each video signal) 2416- AWG (0.51.31-mm)
Category Type	2 or better
Impedance	100 ± 20 ohms
DC Loop Resistance	52 ohms per 1,000ft (18 ohms per 100m)
Differential Capacitance	19 pF/ft max (62 pF/m max)
POWER	
Adaptive Voltage Arrange	AC/DC 9V-24V 12VDC Power Supply
Power Consumption	<100mW
CONNECTOR	
Video Input/output	Female BNC Connector
Video Input/output	Pluggable screw terminal block for UTP
PROTECTION	
Surge Protection	Renewable solid state surge protection
Ground Isolation	Ground connection available for STP or Ground loop removal
Video Input	2KV (common mode), 10/700us IEC6100-4-5/1955 (GB/T 1726, 5-1999)
Video Output	2KV (different mode), 4KV (common mode), 10/700us IEC6100-4-5/1955 (GB/T 1726, 5-1999)
Video Input Protection for Over Current	Protection for over 100mA current Max
MECHANICAL	
Housing	Galvanized
Body Color	Silver
Dimensions (L*W*H)	85*64*22 mm (BNC connector & mounting bracket excluded)
Net Weight	150g
ENVIRONMENTAL	
Operating Temperature	-20° ~ 70° C
Relative Humidity	0~95% (non-condensing)
Storage Temperature	-40° ~ 150° C