



Pioneers in Securities



## Video Baluns

### S-029 Twisted Pair Transreceiver Video Balun

VIDEO • POWER • DATA (FOR SPEED DOOM)

#### FEATURES

- Video Power & Data signals from cameras can be transmitted through network cables
  - Transmit the power signal up to 200 Mtrs. • Transmit the speed doom RS485 data • Transmit video, power & data signal via MX UTP LAN cable • Can be used as a transmitter or receiver
  - Passive design (No power or amplifier required) • Maximum 330 Mtr. color video working distance (For better result use MX UTP LAN cable) • Built in impedance couple device and noise filter for exceptional interference immunity • MX BNC Male allows connection directly to the camera or DVR. • Fast and easy installation.
- For better result use VB-03 or VB-04 MX Cable



### S-030 Video Ground Loop Isolator

#### FEATURES

- MX BNC male to BNC female with mini cable both sides. • Passive, no power required. • Prevents video-signal distortion caused by video ground loops. • Eliminates picture tearing, cross talk and rolling. • Prevents power cables laid by others interfering with the CCTV system. • Built in TVS (Transient Voltage Suppressors) for surge protection.



### S-031 Manual RJ45 Male to 8 Pin Screw Terminal Adapter

#### FEATURES

The RJ45 to Screw Terminal adapter is wired in accordance with the EIA/TIA 568B wiring standard for structured cabling. Works great for splitting pairs on UTP cable. Compact design and reliable connection. The RJ45 to Screw Terminal adapter is wired in accordance with the EIA/TIA 568B wiring standard for structured cabling. Used with Audio / Video, CCTV Baluns, Security, and Networking equipment. Works great for splitting pairs on UTP cable. Compact design and reliable connection.

Pin	Pair	Colour	Terminal
5	1+	Blue-White	1
4	1-	Blue	2
1	2+	orange-White	3
2	2-	Orange	4
3	3+	Green-White	5
6	3-	Green	6
7	4+	Brown-White	7
8	4-	Brown	8



RJ-45 Connector

Specification	S-029 / S-030 / S-031
Environment	Composite video.
Maximum Input	Video: DC to 8 MHz.
Insertion Loss	Less than 2 dB per pair over the frequency range from DC to 8 MHz
Return Loss	Greater than 15 dB over the frequency range from DC to 8 MHz
Common Mode Rejection	Greater than 40 dB @ 8 MHz
Max. Distance Color – Cat 5 UTP	Composite: 1,000 ft (305m).
Cable – UTP	"24 gauge or lower solid copper twisted pair wire impedance: 100 ohms at 1 MHz Maximum capacitance: 20 pf/foot. Attenuation: 6.6 dB/1000 ft at 1 MHz"
Cable – BNC Connectors	impedance: 100 ohms at 1 MHz
Impedance	"Input: 75 ohms unbalanced (RCA connector) Output: 100 ohms balanced UTP (screw terminals)"