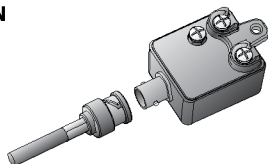
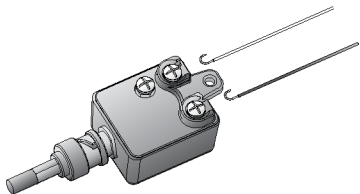


Installation and Operation Manual

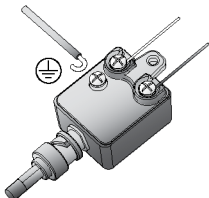
Video Balun VB39 INSTALLATION



1) Connect the VB39 Balun to the coax using the BNC connector.



2) Connect the wire pair to the screw terminals. Observe the polarity of the wire pair.



3) An Earth Ground connection is provided for maximum surge protection.

TROUBLESHOOTING

Many times it is not possible to know where the telephone cables are routed, so the actual length of the cable may not be known. An easy way to determine the actual length of the cable is with an ohm meter. Short the wire pair together at one end and measure the resistance between the wires at the other end. 24AWG wire has a loop resistance of 51 ohms per 1000 feet (300 meters), 26AWG is 82 ohms and 22AWG is 32 ohms. If you are exceeding the recommended distance for your unit contact NITEK or your local representative. NITEK manufactures a wide selection of systems for longer runs and we would be happy to provide you with the correct solution.

Problem

Video will not sync, wide white jagged area.

Fix/Cause

Reverse wires on twisted pair connection.

Problem

No video at receiver.

Fix/Cause

Check camera video and coax connections.
Check the twisted pair for opens and shorts.

Problem

Ghosts image to the right, horizontal smearing.

Fix/Cause

Check for bridge taps or "T" taps on the twisted pair and remove them.

NITEK

US Office:
5410 Newport Dr.
Rolling Meadows, IL 60008
Phone: (847) 259-8900
Fax: (847) 259-1300
Web: <http://www.NITEK.net>

Europe Office (Netherlands):
DeSchans 19-21 2a
8231 KA Lelystad
Tel: +31(0)320 -230005
Fax: +31(0)320 -282486
Web: <http://www.NITEK.nl>