



VIDEO  
PRODUCTS  
INCORPORATED

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## VPI P/N: 6A-PLG-SH-CLP

### Electrical

Insulation Resistance	100m $\Omega$
Termination Resistance	20m $\Omega$ Max After Environmental Testing

### Mechanical

Cable to Plug Tensile Strength	20 lbs
Durability	200 Mating Cycles

### Material

Housing	Polycarbonate
Color	Transparent
Contact Blade	Copper Alloy 3 Prong
Conductor Type	For Stranded or Solid Wire
Conductor Size	For 23AWG
Gold Plating	50u"

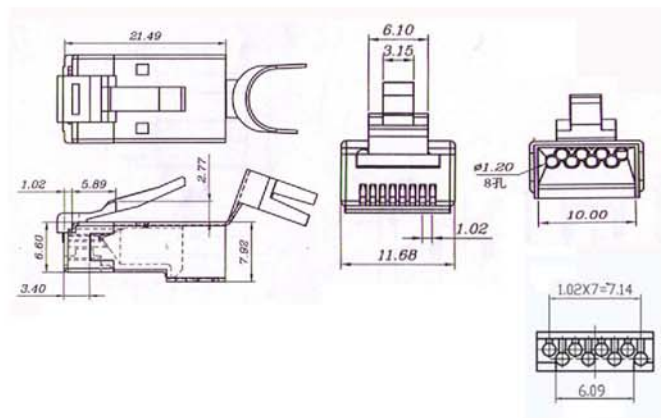
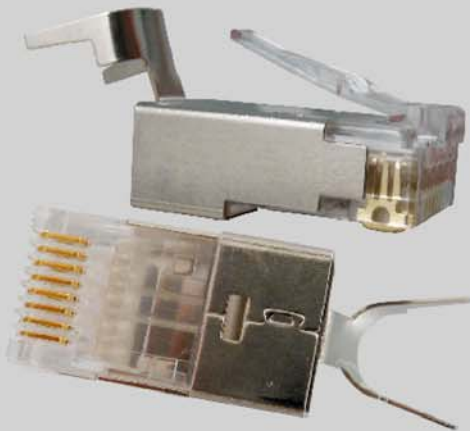
OD of the Housing 1.2mm

## DESCRIPTION

Category 6A, RJ45 Shielded Modular, 8P 8C, 50 Micro-inches Gold Plated.

## FEATURES

- 50 Micro-Inches Gold Plated 3 prong
- For Stranded or Solid Cable
- 23AWG Wire
- Shielded Modular Plug
- Includes Load Bar
- Can be used with CAT6 CMXT cable



Units: Millimeters

# Cat6/A Shielded Plug Termination Instructions



**Step 1.** Carefully strip 1" of the jacket from the cable to expose the insulated wire conductors. Do not remove the insulation from the conductors.

**Step 2.** Untwist the wires and arrange the wires according to TIA/EIA 568A & 568B standards. Cut the wire at a 45 degree angle. (image 1) Insert wires into the load bar. Position the load bar as close to the jacket as possible. Cut excess cable leaving about 1/4 inch to reach the termination point. (Image 2)

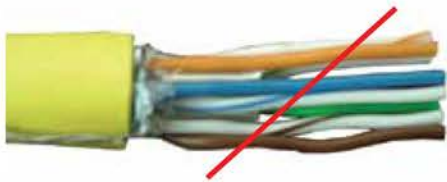


Image1: make the cut at a 45 degree angle. This will help you insert the conductor into the load bar.

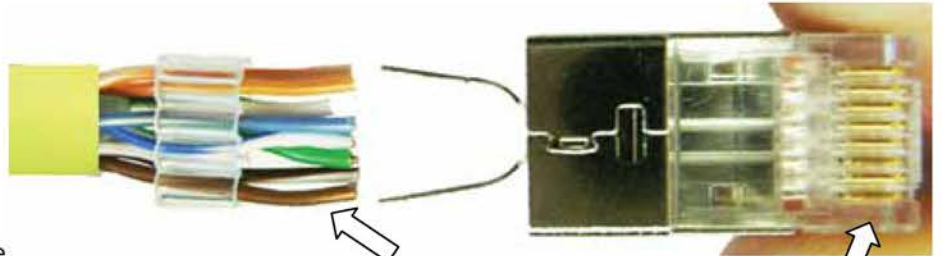


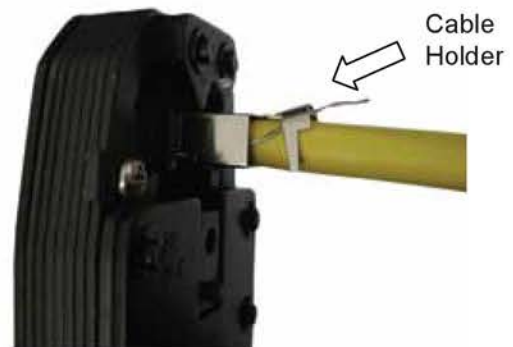
Image 2: Leave about 1/4 inch.

Termination point.

**Step 3.** Before crimping the plug remove the center teeth/cast from the termination tool. (image 3) Now Crimp. Then fold down the **cable holder** (located on back of connector) to secure the ground wire and cable in place.



Image 3. Remove to prevent damage to the plug.



Cable Holder



Wrap cable holder around the jacket and tighten with pliers.