



BLACK BOX[®]

FMT6AS-XXX-PAK

CAT6A SHIELDED PLUG

SPECIFICATIONS

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Operating Temperature	-40 to +158° F (-40 to +70° C)
Housing Color	Transparent
Contact Blades	50-micron GOLD plating
Housing Material	UL-94V-2
Maximum cable O.D. size supported	7.5 mm
Loading bar hole size	1.4 mm
Maximum Conductor Size	1.2 mm
Conductors Supported	Both SOLID and STRANDED
Compliance	IEC 60603-7, TIA-1096-A

INSTALLATION

1. Strip the cable jacket back about 20 mm (see Figure 1).



FIGURE 1.

2. Pull back the shielding on the cable and fold it back on to the cable jacket.
3. Un-twist the 4 pairs and organize them to the T568B wiring standard (see Figure 2).



FIGURE 2.

4. Insert the loading bar with the angled side of the loading bar in the up position. Position the loading bar to the designated measurements and trim any excess wire (see Figure 3).

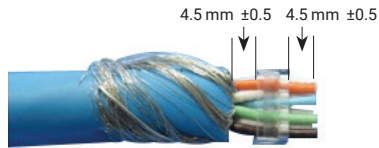


FIGURE 3.

5. Insert the cable with a loading bar installed in the rear opening of the Category 6A shielded plug.

Make sure that the tips of the wire are all the way up to the nose of the plug inside and that folded back shielding is around the back cable prongs prior to crimping (see Figure 4).



FIGURE 4.

6. Insert the category 6A shielded plug that is ready for crimping in the crimping tool. The Category 6A plug should seat in the tool cavity (see Figure 5).

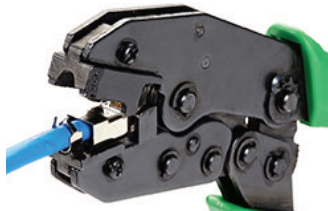


FIGURE 5.

7. Squeeze the handle of the crimping tool and release. Trim any excess shielding wire after crimping for a clean look (see Figure 6).

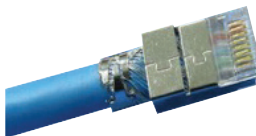


FIGURE 6.