


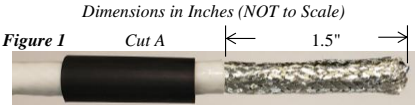
PIC Wire & Cable	Termination Instructions	T-111109
A Division of the Angelus Corporation Ph (262)-246-0500 Fax (262) 246-0450 www.picwire.com PO Box 330 Sussex, WI 53089	Approved : PSP	Date : 7/11/2023
	Distribution : USER	Rev. 1
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Termination Instructions for PIC P/N 111109, RJ45 Cat 8 Jack

(for E74824 and E84824 Ethernet Cables)

Required Tooling :	<div> X-acto Knife, Sharp Razor, Wire Cutters PIC 110701 Soft Jaw Clamping Pliers (Note : Similar Pliers are acceptable) 3/32" Pin Punch (optional) Heat Gun </div>	
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- 1)
Slide on one piece of ATUM 12/3 x 1.5", followed by one piece of 8/2 x 1.0" provided with connector (Fig. 1). Make Cut A @ 1.5" from cable end, through cable jacket (Fig. 1). Remove the jacket.



- 2)
Shrink ATUM 8/2 x 1.0" flush with Cut A. Flare the braids and fold back over the ATUM. Trim braids so that .350" of heat shrink is visible (Fig. 2).



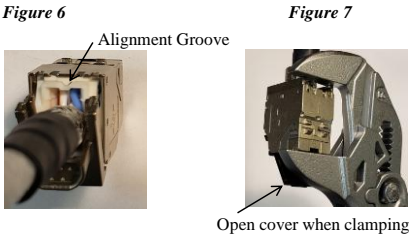
- 3)
Install the second piece of 12/3 ATUM x 1.5" over the braids and shrink so that 0.400" of braids are left visible, as shown (Fig. 3).



- 4)
Remove the foil from the twisted pairs. Untwist pairs and straighten them out (Fig. 4). Insert wires into load block. Pull the wires to the sideS, into the grooves (Fig. 5). For 568A configuataion, match the wire colors to the grooves with the same colors marked "A" on the loading block. For 568B configuration, match to the colors marked "B." If needed, push the wires into the grooves with a small punch (3/32"). Cut the wires flush with the loading block (Fig. 5).

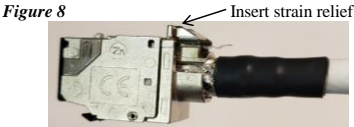


- 5)
Remove the strain relief and white plastic carrier from the main connector body. Insert the loading block into the main connector body (Fig. 6), noting the alignment groove.



- 6)
Open the black plastic cover on the front of the connector. Using soft-jawed clamping pliers, close the back of the main connector until it snaps into place, as shown (Fig 7). Close the black pastic cover on the front of the connector.

- 7)
Insert the strain relief tab as shown (Fig. 8). Using soft-jawed clamping pliers, clamp down on the strain relief as fast as it will go (Fig. 9).



- 8)
Slide the ATUM 12/3 x 1.5" up over the edge of the strain relief. Shrink the ATUM (Fig. 10).

