

Amphenol

FIBER OPTIC PRODUCTS

Assembly Procedure for RJ Sealed Connectors

Procedure to be used for terminating and assembling of Amphenol Connector Kit Part Number 957-7610



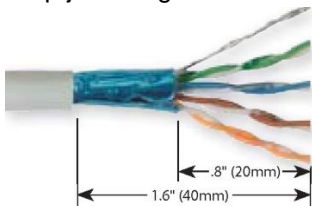
Step 1: Feed CAT cable through boot and connector housing as shown below.

Note: Care should be taken not to damage the rubber sealing gasket inside the rear of the connector housing.

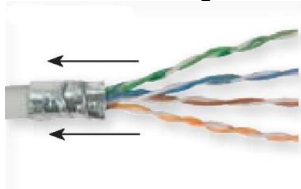


Step 2: Terminate RJ-45 connector onto CAT cable

A) Strip jacketing and shield as shown



B) Fold shield back onto jacketing.
Wrap drain wire one and a half times around the shield.
Trim excess length from drain wire

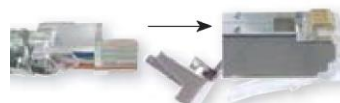


C) Untwist pairs and arrange to desired order.

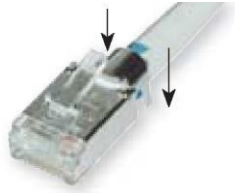
Note: It is recommended to follow TIA-568 specifications for wiring orientation
Trim conductors at an angle and insert into the loading bar



D) Trim excess wire from holder
Insert prepared cable into RJ-45 Plug



E) Bend strain relief to lay along cable



F) Crimp plug and strain relief. Crimp tool part number 927-2678.



Step 3: Insert terminated RJ-45 plug into connector housing

While holding the connector body, pull cable through connector housing until RJ plug is near to the housing.

Align the plug latch with the connector housing keyway

Depress Plug latch and completely insert the RJ plug into the housing



Step 4: Attach and tighten sealing boot using a 19mm wrench

Recommended tightening torque is 5.5 to 6.0 (in-lbs) or 0.62 to 0.68 (N-m)



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