



DataGate™ 4 Pair Termination Tool

Rev 1

Carol Harris
Product Manager

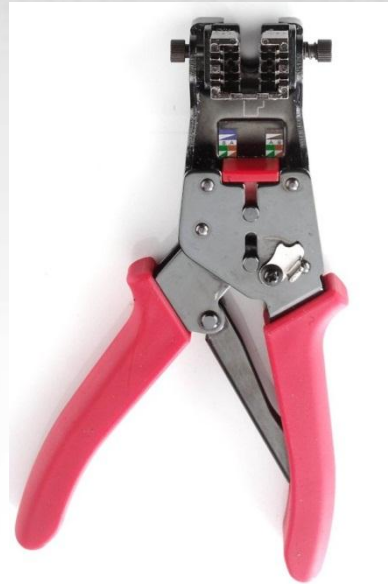
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Benefits of the DataGate 4 Pair Termination Tool

- Designed specifically for Molex DataGate™ Keystone and MOD-Clip™ Jacks
- Reduces installation time compared with traditional single wire termination.
- Cables are accurately seated and neatly trimmed with one squeeze of the handles.
- Tool Frame supplied unloaded. UTP and C6A Termination Heads supplied separately, allowing the heads to be changed at will, but utilising a using a single frame.
- Operating instructions supplied with Tool Frame

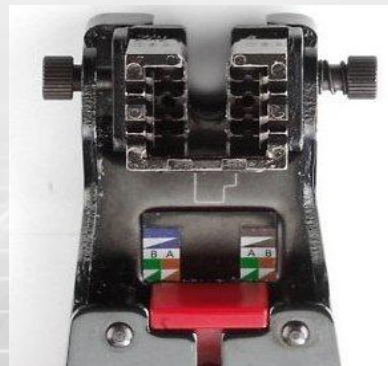


Tool Appearance



- Robust tool frame made from high carbon steel
- Ergonomic, comfortable handles
- Cable colour code and jack position guide present on the Frame, makes lacing the wires easy.

DataGate Frame =
Red Jack Pusher

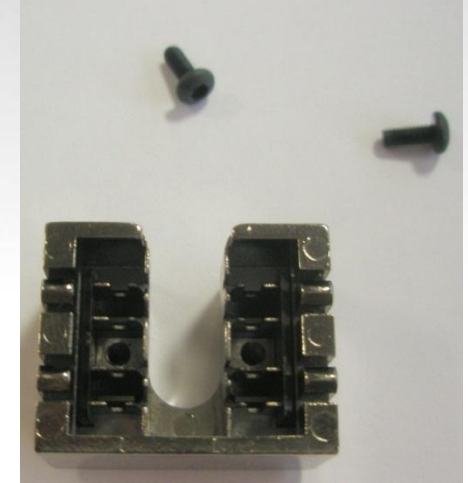
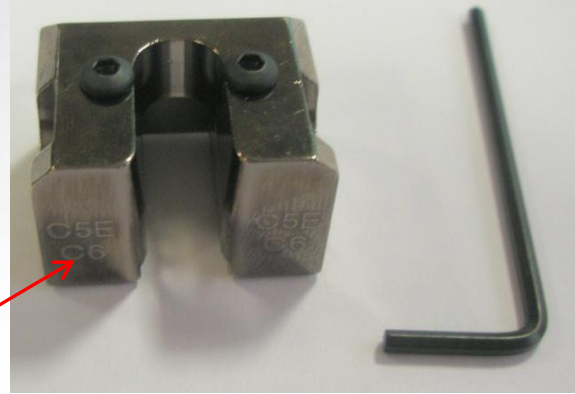
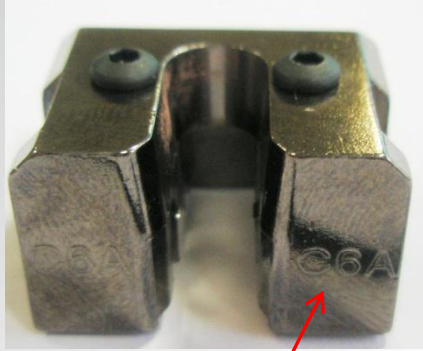


MOD-Clip Frame =
Yellow Jack Pusher



- Termination Head swivels the jack into the terminating position.
- Heads easy to change simply unscrew and refit
- Cutting blade integral to Termination Head. Blade operating life = 2000 terminations

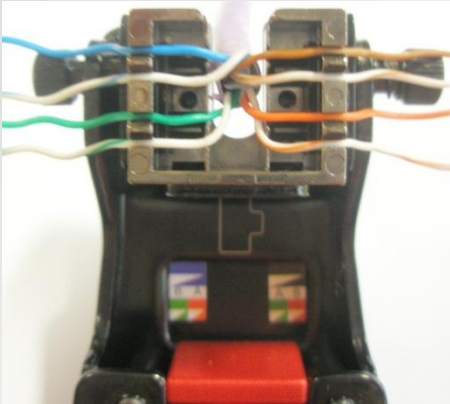
Termination Heads



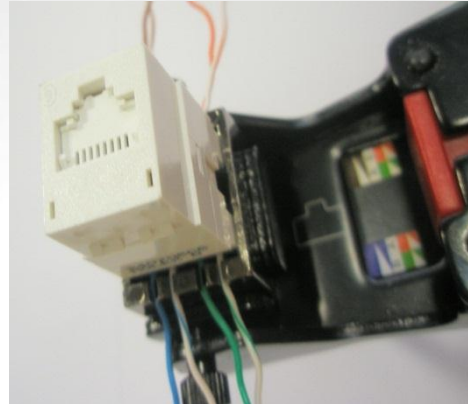
Robust die cast
Termination
Heads clearly
marked with the
jack type that it
terminates

Each head comes with 2 M2.5 x 8 pan head screws and an Allen key, making changing the heads easy.

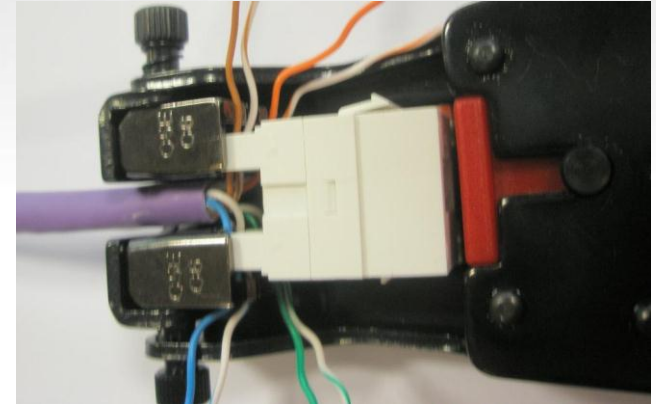
Tool Operation: UTP DataGate Jacks



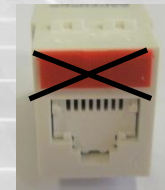
1. Prepare cable for termination. Lace the cable into the Termination Head, following the wire colour coding shown on the tool frame



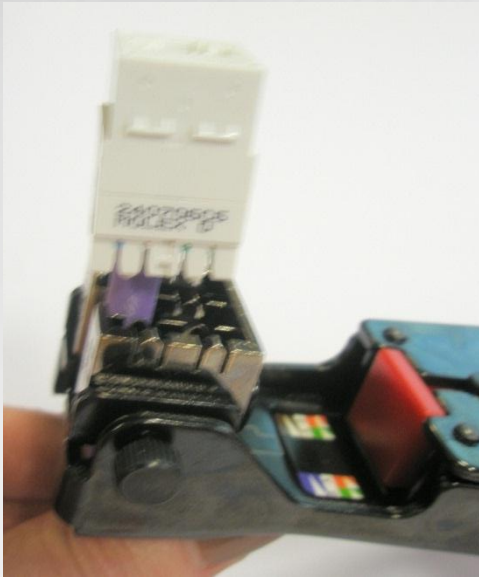
2. Press the IDC of the jack on to the Termination Head over the laced cable, ensuring the jack is orientated correctly (follow the diagram on the tool frame). Remove any labels from the jack before termination.



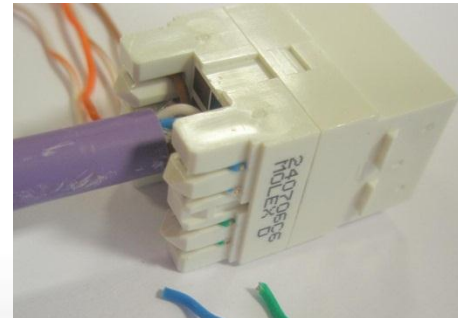
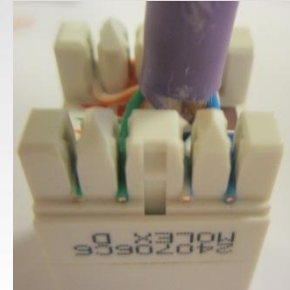
3. Pivot the jack downwards to meet the red pusher.



Tool Operation: UTP DataGate Jacks



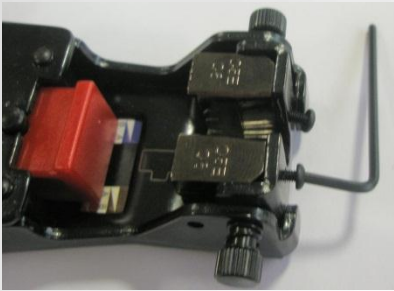
4. Squeeze the handles to terminate the jack. Release the handles to open the tool and pivot the jack upward. Remove the terminated jack from the tool.



5. The terminated jack shows 8 cleanly cut wires, which are fully seated against the termination shelf. Finish the termination by fitting the stuffer cap to the jack

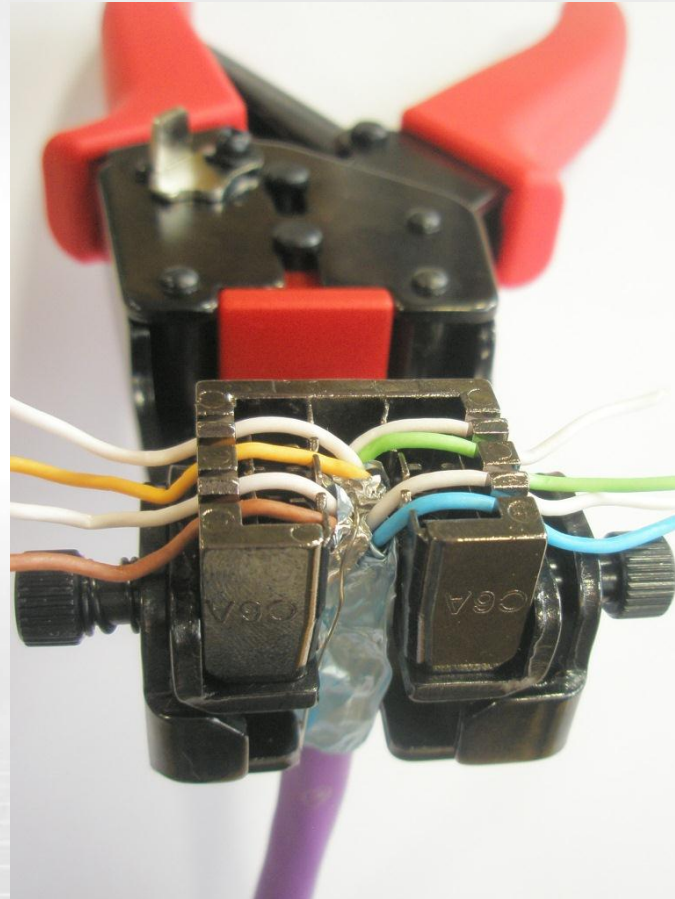
Important Note: For termination of MOD-Clip UTP Jacks, use the MOD-Clip Frame with Yellow Jack Pusher.

Tool Operation: C6A DataGate Jacks

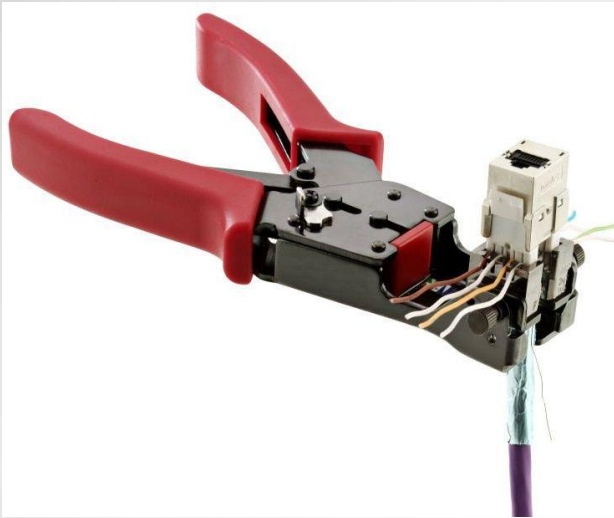


1. Change Termination Heads, ensuring the C6A marked Termination Head is fitted to the frame.

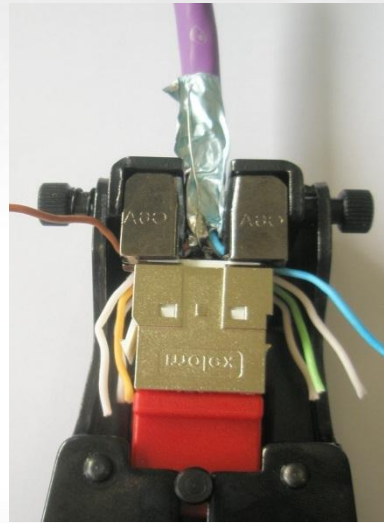
2. Prepare the shielded cable for termination ensuring that rear can is fitted to the cable before lacing into the Termination Head. Endeavour to keep the foil and drain wire facing outward of the Termination Head entrance.



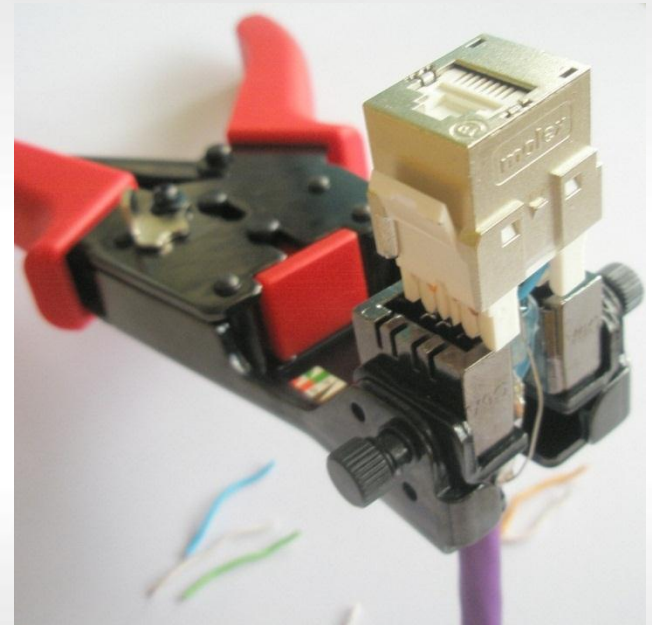
Tool Operation: C6A DataGate Jacks



3. Press the IDC of the jack on to the Termination Head over the laced cable, ensuring the jack is orientated correctly (follow the diagram on the tool frame).

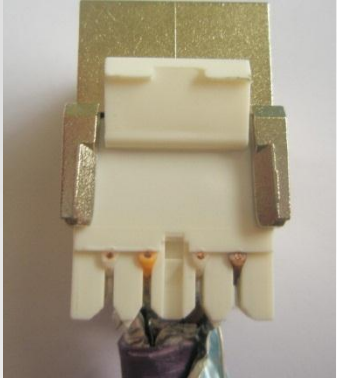


4. Pivot the jack downwards to meet the red pusher. Squeeze the handles to terminate the jack.



5. Release the handles to open the tool and pivot the jack upward. Remove the terminated jack from the tool.

Tool Operation: C6A DataGate Jacks



5. The terminated jack shows cleanly cut wires, which are fully seated against the termination shelf.



6. Wrap foil and drain wire around cable. Fit stuffer cap and rear can to jack

NOTE: The DataGate Frame with Red Jack Pusher must be used to terminate the MOD-Clip C6A shielded Jack.

Technical Information

- Tool Frame:
High Carbon Steel
- Termination Head:
Robust Die Cast
- Material Blade:
High Carbon Steel
- Handle Material:
Thermoplastic Rubber
- Termination Head Wire Accommodation:
23-24 AWG solid conductors
- C6A Termination Head Cable Accommodation:
F/UTP or U/FTP cables
- UTP Termination Head Cable Accommodation:
U/UTP cable and shielded C5E and C6 cable

NOTE: For C6 Shielded terminations: Use the UTP Termination Head. Ensure that the jack is fully removed from the tin/nickel enclosures before terminating.

For UTP MOD-Clip Jack terminations: Use the MOD-Clip Tool Frame

4 Pair Termination Tool Part No's

Part No	Description
31.0011	UTP 4 Pair Termination Tool Frame
31.0012	UTP Termination Head For the termination of UTP DataGate™ ,Molex UTP Keystone Jacks and C6 FTP DataGate Jacks (remove the tin nickel plate can prior to termination).
31.0013	C6A Termination Head For the termination of C6A shielded DataGate Jacks. Note: Use this head for the termination of Molex C6A MOD-Clip™ jacks (remove the MOD-Clip "nose" adapter prior to termination).
31-0010	MOD-Clip 4 Pair Termination Tool Frame Use with UTP Termination Head part no 31.0012. Can only be used to terminate UTP MOD-Clip jacks.



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