



BOLTRACK™ plug cable connector

Field installable

Assembly & IDC termination



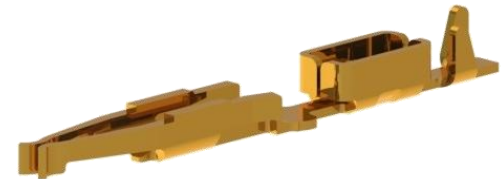
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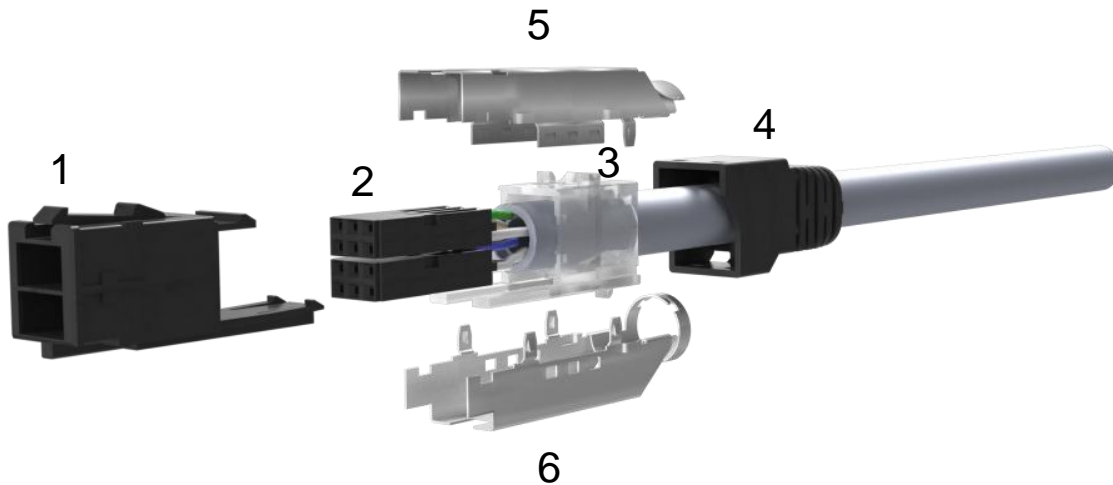
Field installable application & design highlights

- Connector options and Part number
 - Field terminable plug kit P/N 10138200-101LF
 - Factory certified standard patch cord length also available
- Cable and IDC application
 - Size :- 24 ~26AWG stranded wire
 - Insulation wire outer dia max 1.00 mm
 - Hand tool P/N 10141086-01
- Design high lights
 - Dual beam contacts and four point IDC for plug. Proven design for both telecom and Industrial applications
 - Adequate clearance and creepage distance between contact terminals inside the connector
 - Contacts placement staggered to optimise signal performance
 - Wrap around shield
 - LED display can be viewed from rear of the plug connector



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Overview

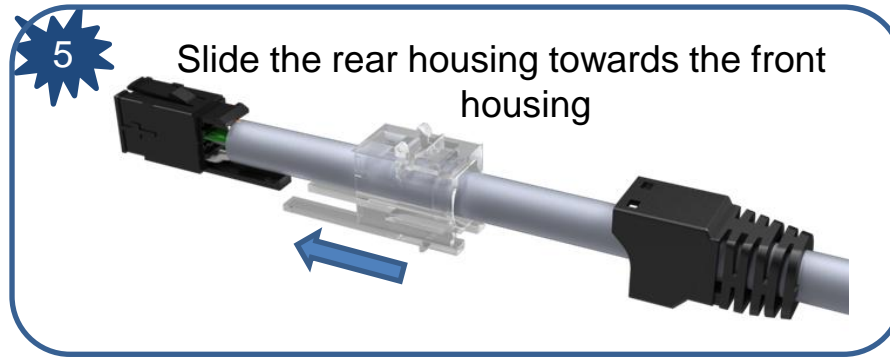
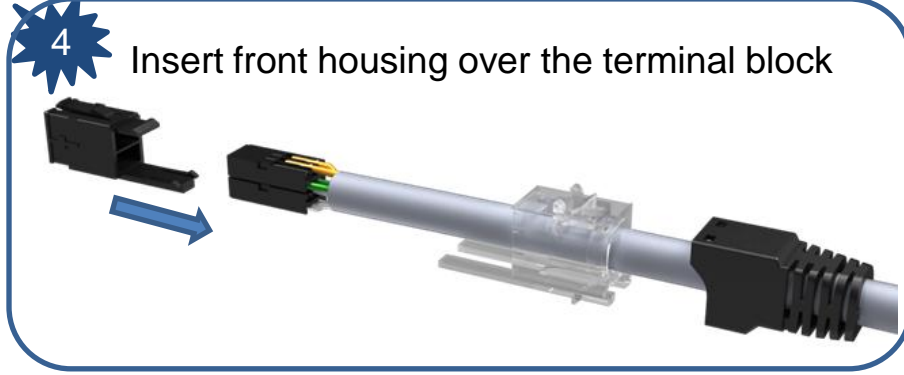
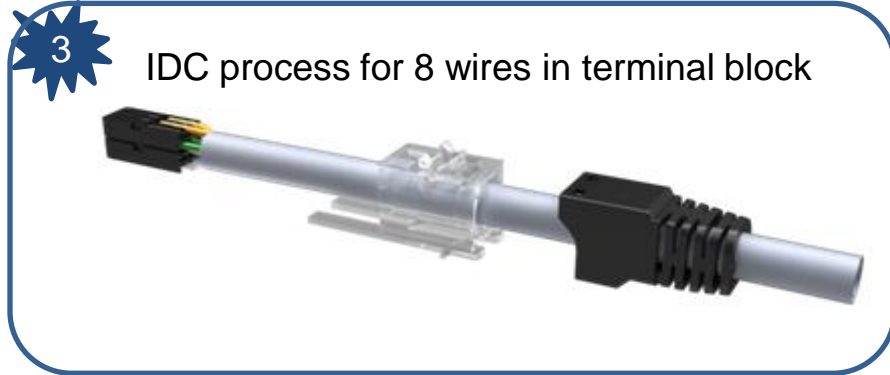
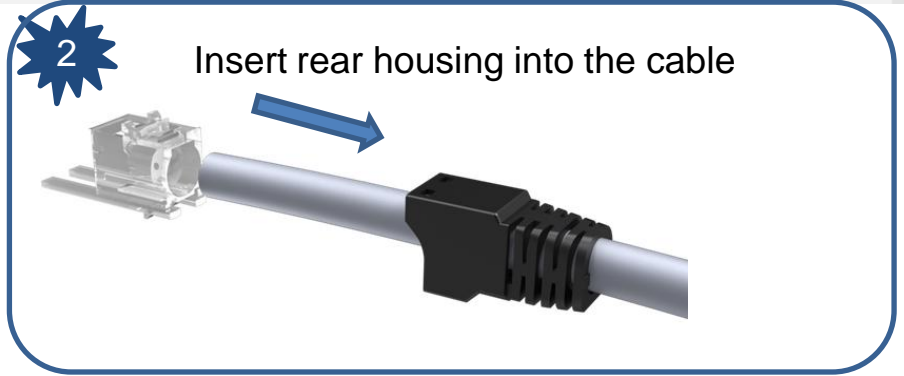
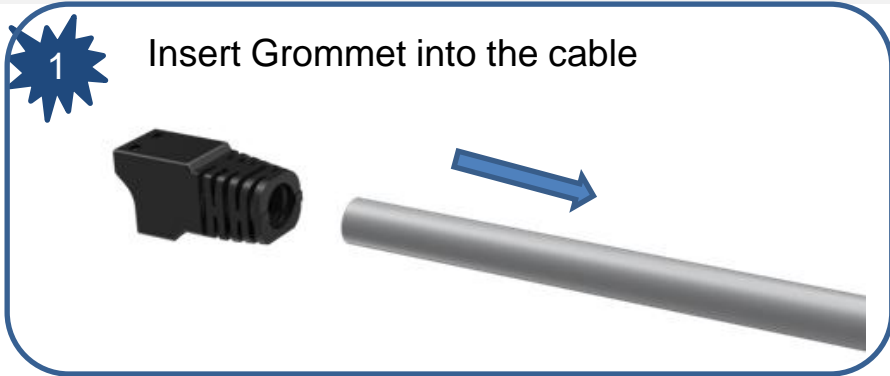


Kit BOM

- 1 - Front Housing 1 pc
- 2 - Terminal block 2 pcs
- 3 - Rear housing 1 pc
- 4 - Grommet 1 pc
- 5 - Top shield 1 pc
- 6 - Bottom shield 1 pc

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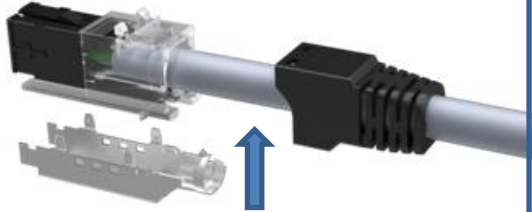
Field assembly process (1/2)



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Field assembly process (2/2)

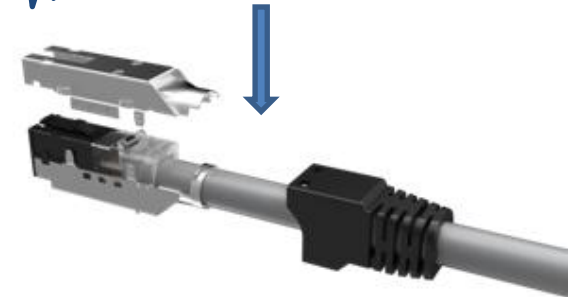
7 Insert bottom shield



8 Wrap the bottom shield tail around the cable



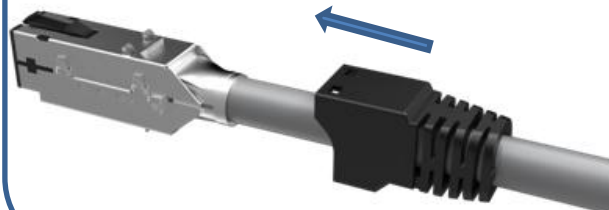
9 Insert top shield housing



10 Top and rear shield locks with a click sound. Ensure all the 4 side locks are in position



11 Slide the grommet towards and lock over the rear housing



12 Plug cable assembly is complete



IDC Hand tool overview

Easy to use

- Chuck can be mounted on Ratchet operated hand tool
 - Light weight and portable
- Easy to use
 - IDC does not need special skills or trained personnel
 - Guiding features in tool ensures correct placement of wires
 - Contact terminal has multiple IDC points which ensures quality & reliability
 - 2 wires IDC per set up facilitates easy wire management
- Hand tool Part Number : 10141086-01



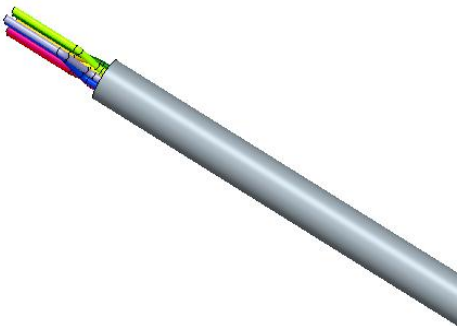
■ Upper jaw holds the crimping punch

■ Lower jaw where the terminal block with preloaded contacts is placed & wires are positioned

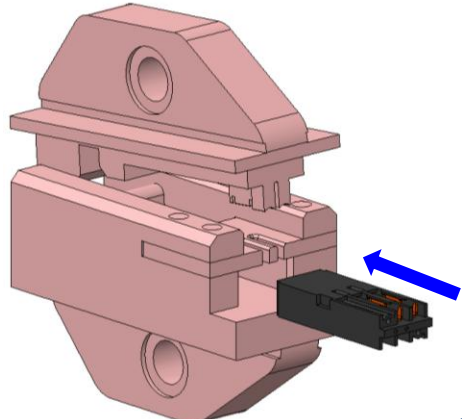
IDC termination process with the tool

2 wires IDC per set up

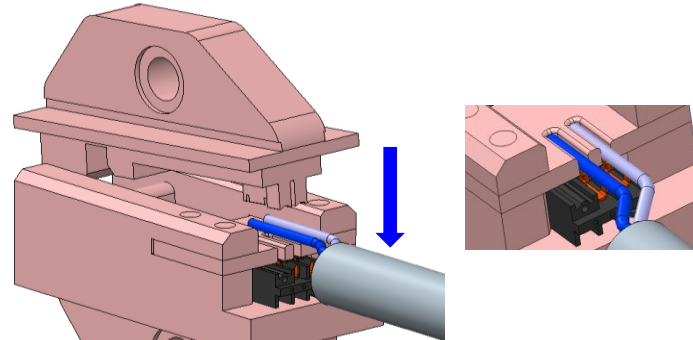
1 Strip the outer jacket of the cable to a length of 14mm



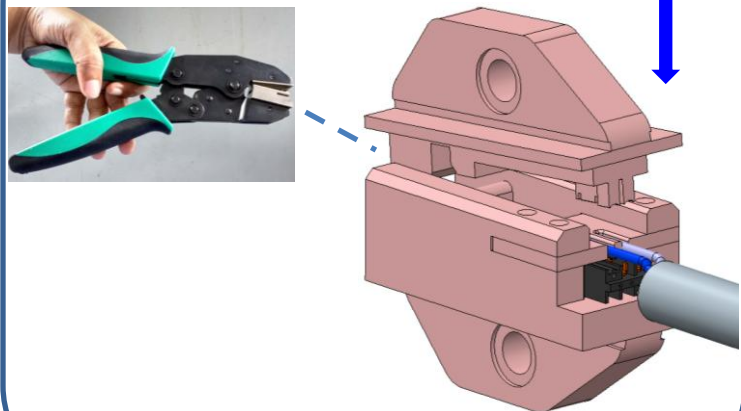
2 Insert 1 Terminal block into the lower jaw



3 Place 2 individual wires from the top side, position the wires in the slot

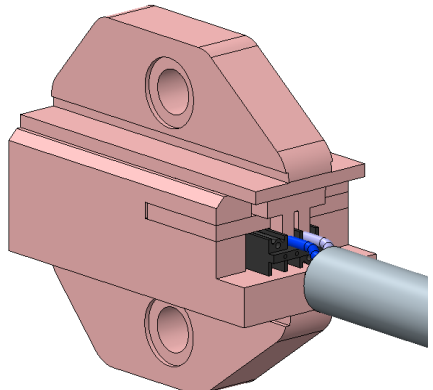


4 Press the Crimping Plier Ratchet

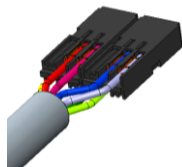


5

- Close the handle completely until the ratchet is released.
- Remove the crimped terminal block from lower jaw.
- Repeat steps 2 to 5 on the opposite side of terminal block
- Repeat the steps 2-5 for the second terminal block



8 wires IDC in 2 terminal blocks is complete





THANK YOU

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