

Straight Connector 14/10mm



Reducer 16mm to 10mm



End Cap for 14mm

Accessories and Tools for Microduct

Contents

Connector & End Cap
Branch Unit Closure
Tools (Tool Kit Case)
Striping & Connecting



Connector & End Cap

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- Straight connector: General purpose between same size tubes
- End cap: Tube termination for future use, Blocks contamination by dust or mud
- Reducer: Connection between different diameter tubes



Straight connector



End cap



Reducer (Transition Connector)



Connector & End Cap

- Gas block connector: Blocks gas or water ingress along tube inside, Grips inside cable not to move
- DBL connector : TWD connection for direct burial
- Bulkhead: Patch panel distribution
- Lock pin: Prevents unintended tube release from connector
- Connector cover: Protects connector with lock pin function



Gas block



DBL connector



Bulkhead



Lock pin



Connector cover



Branch Unit Closure

Joint protection against soil pressure

Not water-tight

Direct burial, manhole or handhole application

Mid-span accessible with separable nut assembly

In-line

Cable face to face connection

I/Y-closure, T-closure & D-Closure

Branch connection & Joining



Branch Closure Specification



I/Y Type

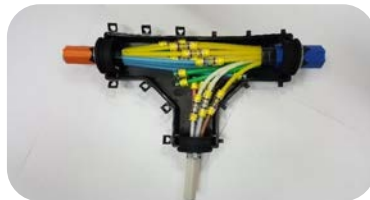
Main Port

Up to DB 12/10mm 7way (OD: 44.8mm)

Up to TWD 14/10mm 4way (OD: 30.0mm)

Distribution Port

Up to DB-HS 12/10mm 2way (OD: 31.0x19.0mm)



T-Type

Up to DB 5/3.5mm 24way (OD: 36.4mm)

Up to TWD 7/3.5mm 12way (OD: 30.0mm)



D Type

Main Port

Up to TWD 18/14mm 7way (OD: 56.0 x 51.2mm)

Up to DB-HS 5/3.5mm 24+1way (OD: 37.5mm)

Distribution Port

Up to TWD 18/14mm 2way (OD: 38.0 x 20.0mm)

Up to HS 5/3.5mm 7way (OD: 22.0mm)

Tools (Tool Kit Case)

- Duct cutter: Duct Clean cut (63mm & 42mm Cutting range)
- Sheath Remover : Slitter (Double sheathed Duct), Hook Cutter
- Tube cutter : Tube clean cut for connection
- Deburring Tool : Improving the blowing performance



Duct cutter



Slitter & Hook Cutter



Tube cutter



Deburring Tool



Knet Tool Kit Case

450X350X100mm
Gross Weight 4kg

Stripping & Connecting





Stripping & Connecting

TWD sheath stripping



Duct Cut by Cutter



Sheath open by Hook Cutter



Cut by knife



Remove sheath



Exposed tubes



Stripping & Connecting

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DB sheath stripping



Sheath cut by round cutter



Cut & open by slit



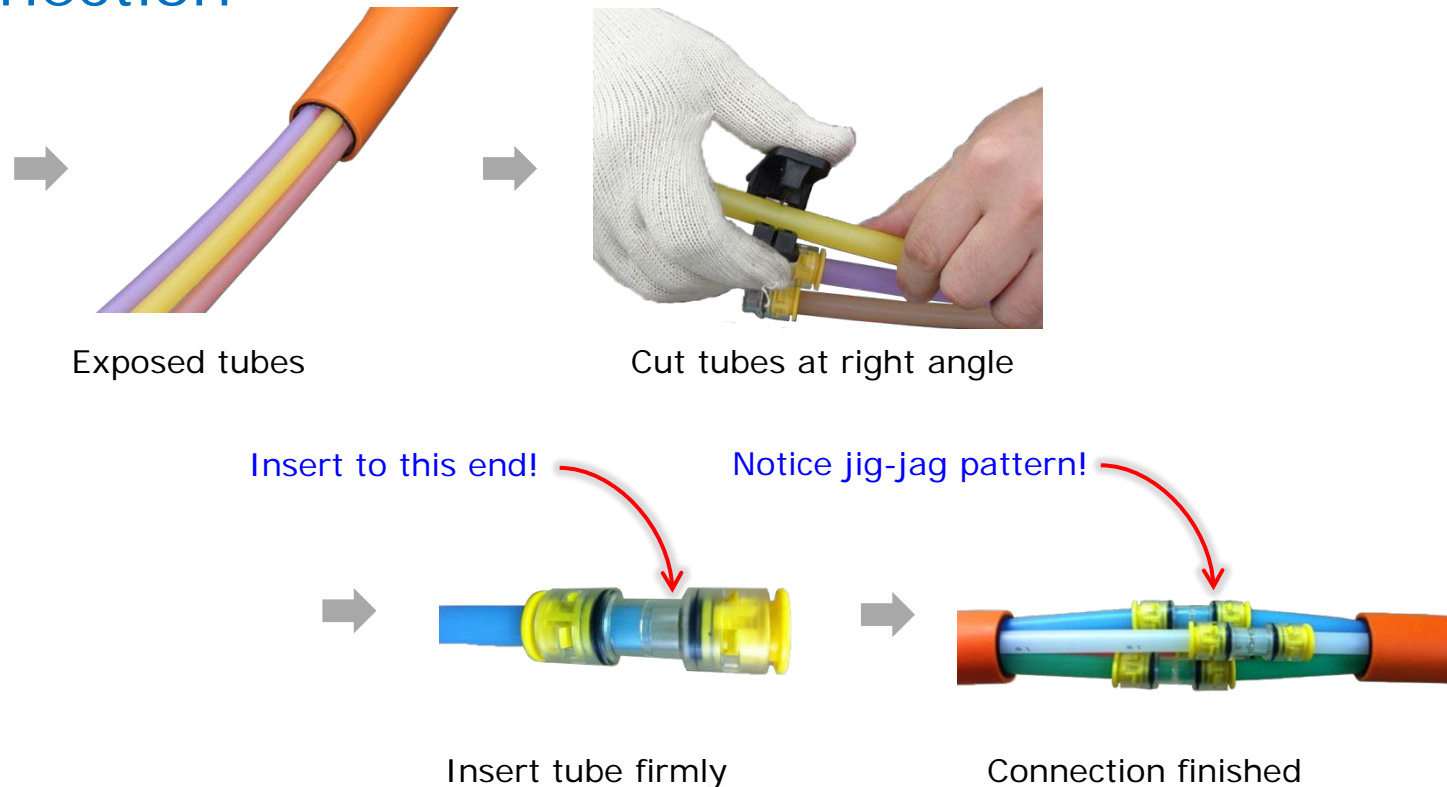
Cut 2nd sheath by rip cord
(if exist)



Remove sheath

Stripping & Connecting

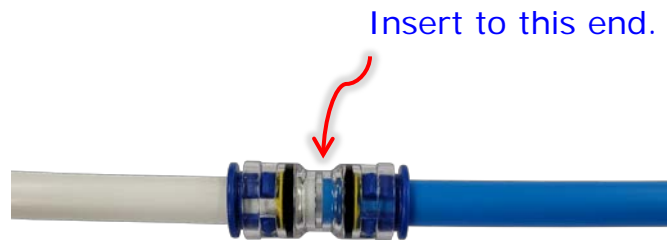
Tube connection



- Be careful during the operation in order not to damage the tube(scar, kink etc.).
- Check the color orientation of tubes for straight connection(not to twist) at joint.
- In case of not firm connection, there is a risk that strong air pressure might break weak connection point.

Stripping & Connecting

Tube connection



Insert tube firmly and straightly!

- Be careful during the operation in order not to damage the tube (scar, kink etc.)
- In case of not firm connection, there is a risk that strong air pressure might break weak connection point.

*Connector



Incompletely connected

Inside rubber ring is out

*End cap





Using Branch Unit Closure



- 1 Cut duct using duct cutter



- 2 Mark the spot of duct to take off the sheath



- 3 Cut the sheath using Hook cutter Or Slitter for double sheathed duct



- 4 After removing the sheath, taping to fix microtubes and sheath



- 5 Make a hole of rubber sealing cap to insert the microtube



- 6 Insert microduct inside rubber cap and fix with cable ties.



Using Branch Unit Closure



- 7 Align microtubes of both side



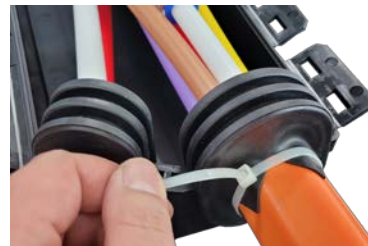
- 8 Cut microtubes



- 9 Connect two microtubes after taking out from closure



- 10 After coupling microtubes, sort tubes in zip zap shape.



- 11 Tight up the rubber cap with Cable ties



- 12 Close the cover and snap the hinges on top and bottom

THANK YOU



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