



## Installation Instruction

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Title:

**Network Micro-Duct and Cable Installation**

Review	Date	Description	Prepared	Verified	Approved
01	5-06-23	Image updating	Chris Taylor		

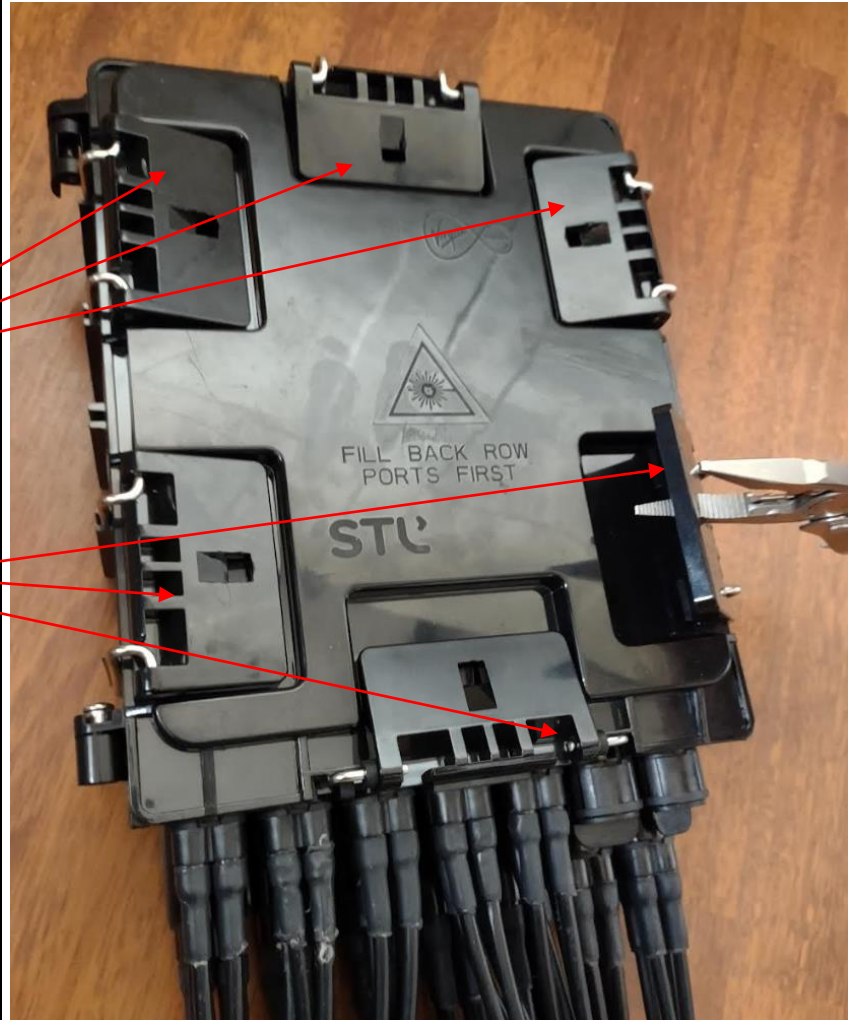
# Network Micro-Duct and Cable Installation

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## 1. Opening the DP

Using a pair of Pliers or a Screwdriver open the 6 sprung latches.

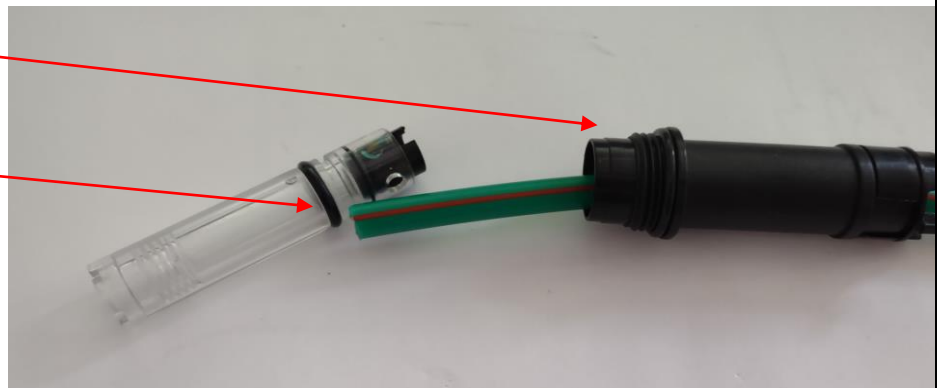


## 2. Installing Micro-Duct

**Only 7mm Micro-Duct can be used to connect to the DP**

Pass the 7mm duct through the outer housing as shown

The end of the duct must be rounded off to make it easier for the next part of the install.



Push the inner body on to the duct using a twist action to push through the internal O-Ring, then screw on the inner body until the duct is at the end of the threaded section as shown



**Note: When installing the DP Overhead a micro-duct/cable coil must be provided to enable the DP to be brought to the ground for maintenance work. For the Maintenance Coil use 5/3.5 UV Stable Micro-Duct and UV Stable Reducers to convert from 7mm to 5mm Micro-Duct.**

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For **Underground Installs** a 7mm Gas/Water Block must be fitted outside the DP as shown

VM SKU Code - 10008635

Emtelle Part Number - 71110



**Once the cable has been installed the gas block must be activated to ensure the cable does not move inside the micro-duct**

### 3. Installing Cable

**Only 12 Fibre Bundle can be installed into the DP**

A minimum of 2 metres of 12 fibre bundle is required.

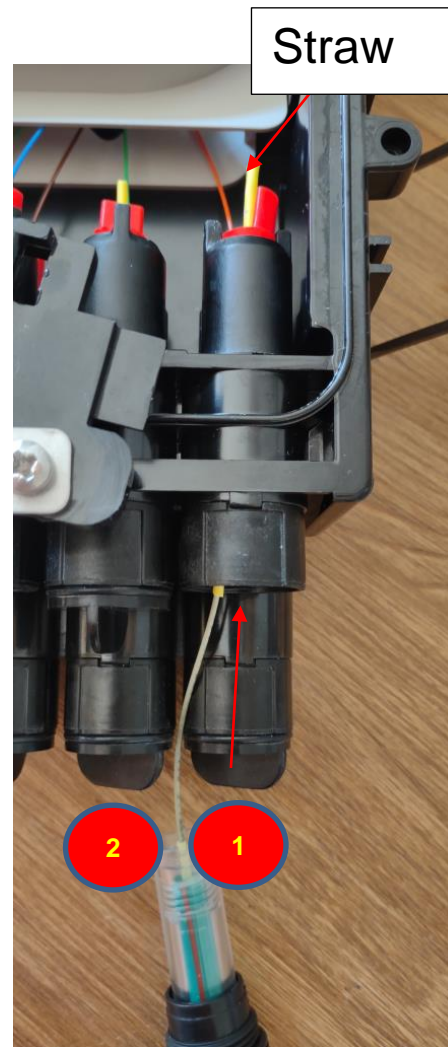
Port 1 = 1<sup>st</sup> Network Cable

Port 2 = 2<sup>nd</sup> Network Cable (Daisy Chain)

Remove the Port Cap

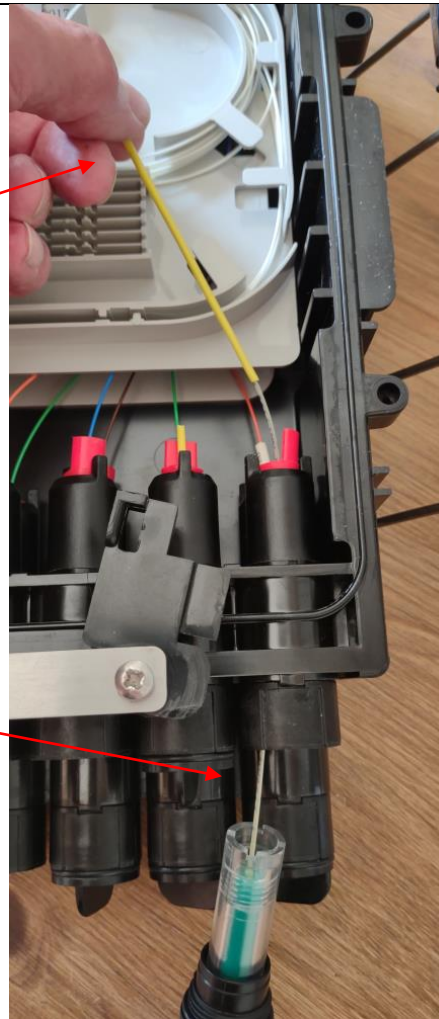
Strip approximately 40mm of sheath from the cable.

Push the fibre bundle up inside the straw as far as it will go.



Grip the straw inside the box making sure you have gripped the fibre bundle inside and pull the fibre through the red port gromet.

Then pull through the remaining cable.



Slide the outer body on to the inner body.

Ensure the outer shell is positioned as shown before installing to the DP Port.



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Screw the connector body onto the port as shown and pull through remaining cable slack into the DP

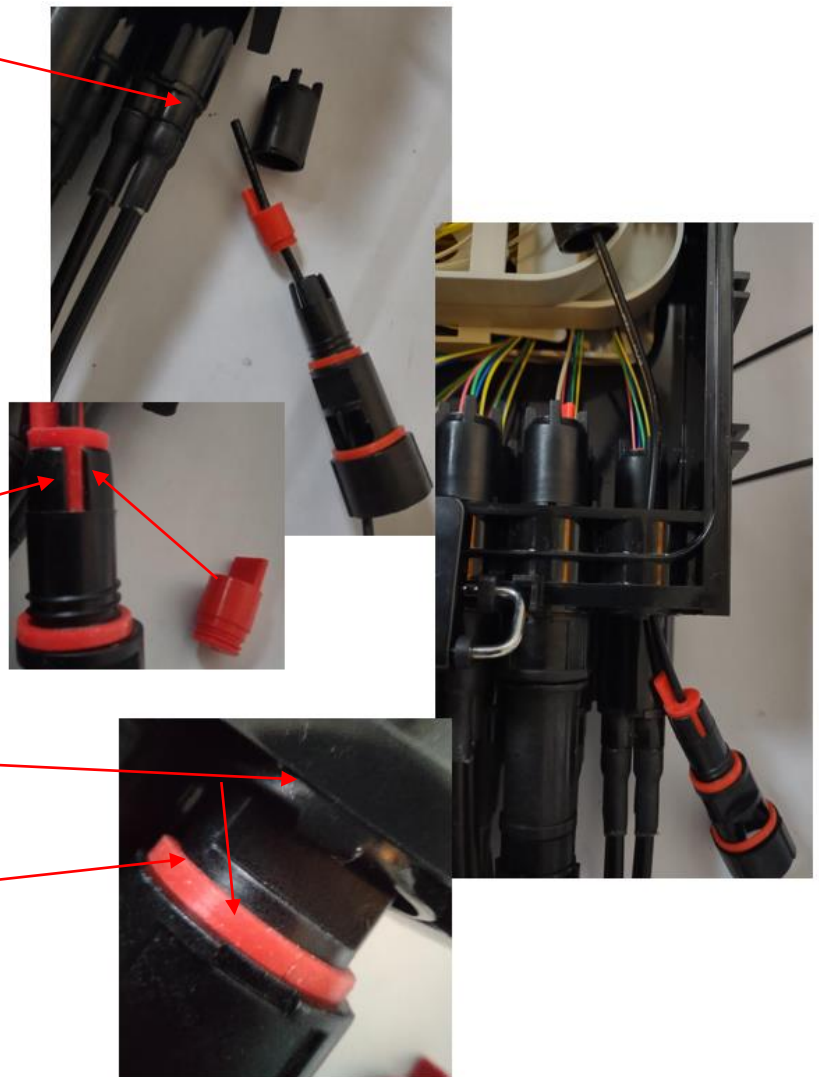


# IMPORTANT

Where a larger cable will not fit through the straw, remove the port and push the cable manually through the seal. When sufficient cable is pulled through. Re-assemble the port. Make sure the seal is fully seated in the rear of the port so the sealing rings are not visible.

Make sure the notch in the port lines up with the tab in the body. Ensure the seal is seated properly here.

Re assemble the port before routing fibre





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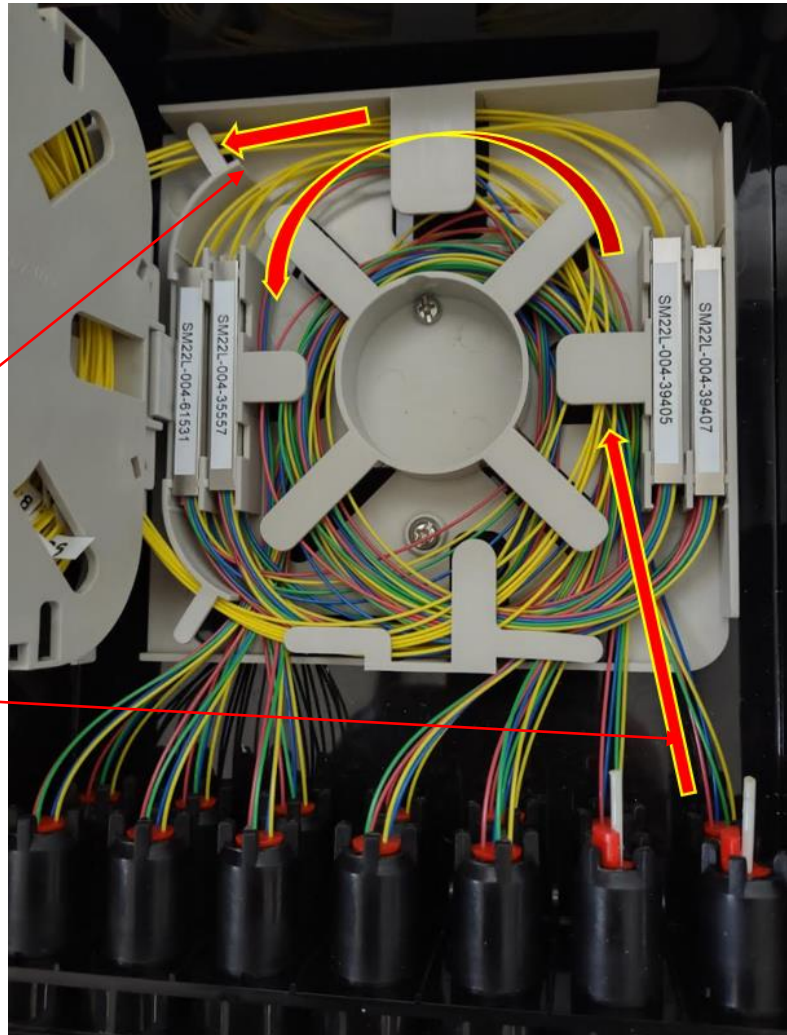
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## 4. Routing Cable/Fibre

Store cable loops in the bottom tray – Minimum 3 loops required.

Exit lower tray and onto splice tray here.

Mark the cable here to enable identification of the other end on the splice tray.



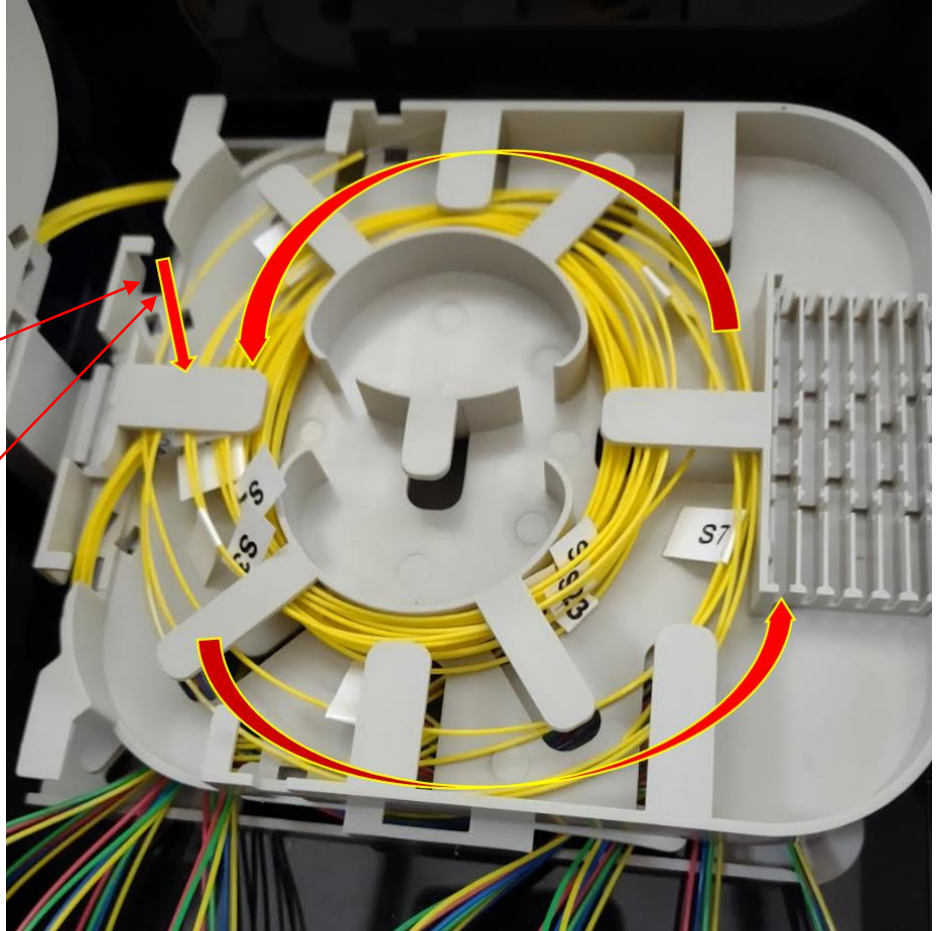
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Route the cable onto the next (splice) tray as shown by red arrows.

Mark the Cable here to identify the Port used at the base of the DP

Strip the cable to here.  
Splice to other input cable



**For ease of fibre routing use both splice trays. 6 splices per tray.**

### 5. Closing the DP

