

MECH GLAND FOR PRE-CONNECTORISED CABLES WITH MICRODUCTS

**THIS GUIDE CAN ONLY BE USED IN CONJUNCTION WITH THE
PRECONNECTORISED CMJ/MMJ CLOSURES.**

DESCRIPTION

The mechanical gland for pre-connectorised closures details how a gland is assembled with cables then into a closure.
It details a single way entry gland as well as multi way glands for cable sizes.

TOOLS REQUIRED

Tbc
Gland spanner (optional)

CONTENTS

1. Removal of pre-fitted port blanks
2. Gland assembly
 - Single way
 - 2 ways
 - 4 ways
 - 8 ways
3. Assembling a gland into a closure
4. Adding a cable to a pre-installed gland
 - 2 ways
 - 4 ways
 - 8 ways
5. Removal of a gland from a closure

INSTALLATION INSTRUCTION

PART NUMBERS – XJTSC03729 – SINGLE WAY 7-11mm SPLIT

XJTSC03734 – 2 WAY 5-7mm SPLIT c/w 5/3.5mm microduct & end stops

XJTSC03735 – 2 WAY 5-7mm SPLIT c/w 7/4mm microduct & end stops

XJTSC03736 – 4 WAY 3-5mm SPLIT c/w 5/3.5mm microduct & end stops

XJTSC03737 – 8 WAY 3-5mm SPLIT c/w 5/3.5mm microduct & end stops

KIT CONTENTS

Kits are supplied preconfigured as above. Before installation, please check that all tubes without connections have end stops securely fitted.



CLEAN BEFORE CONNECT.

It is important that all fibre connectors and adapters are cleaned prior to mating using approved local practice. Failure to clean may result in either poor signal performance and/or permanent damage to the connector end faces.



SAFETY NOTICE.

Closures could be pressurised so actions must be taken to remove any pressure before opening the closure. This is done via the test valve on the base of the closure.

NOTE: Direct blowing fibre into the Preconnectorised XMJ closures is not recommended, follow the procedure below for recommended practises.

1.0 CABLE TIES PREPARATION

Step 1

Twist the cable tie until you push the protrusion inside and repeat the step for all tubes.



2.0 REMOVAL OF PRE-FITTED PORT BLANKS

Step 2

Select the appropriate port to be used.

Remove port blank from base by fully squeezing together the tabs from inside the base.

NOTE: you may need to rotate the blank in the port to squeeze the tabs.

Using your other hand or pliers, hold the central rib and firmly pull until the port blank is released.



3.0 INSTALLING THE GLAND INTO THE CLOSURE

Note: Installers must not blow directly into the tubes!

Step 3 – Closure with a standard/mini tube restraint bracket

Push the gland with pre-installed micro ducts into the preconnectorised CMJ/MMJ base. Once resistance on O-ring is felt, continue pushing with a twisting action until an audible click is heard. Visually check from inside the base all 3 clips are secured into base.



Standard bracket



Mini bracket

3.0 INSTALLING THE GLAND INTO THE CLOSURE

Note: Installers must not blow directly into the tubes!

Step 4 - Closure with a standard/mini tube restraint bracket

Closures could be pressurised so actions must be taken to remove any pressure before opening the closure. This is done via the test valve on the base of the closure.



3.0 INSTALLING THE GLAND INTO THE CLOSURE

Note: Installers must not blow directly into the tubes!

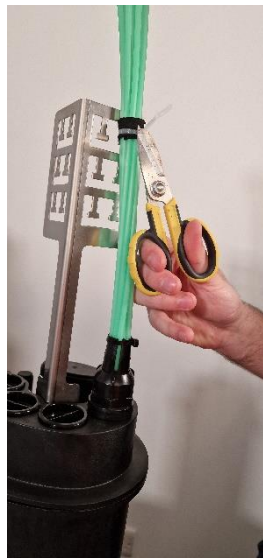
Step 5 - Closure with a standard/mini tube restraint bracket

Take a foam strip supplied in the tube restraint kit and start wrapping it around all tubes.

Secure everything with a cable tie onto the bracket and cut off the excess.



Standard bracket



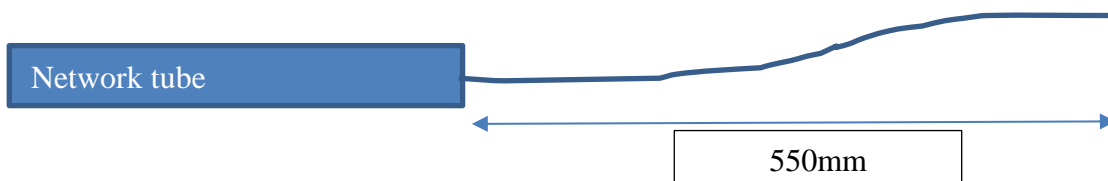
Mini bracket

3.0 INSTALLING THE GLAND INTO THE CLOSURE

Note: Installers must not blow directly into the tubes!

Step 6 - Closure with a standard/mini tube restraint bracket

Blow through the network duct so that 550mm protrudes.

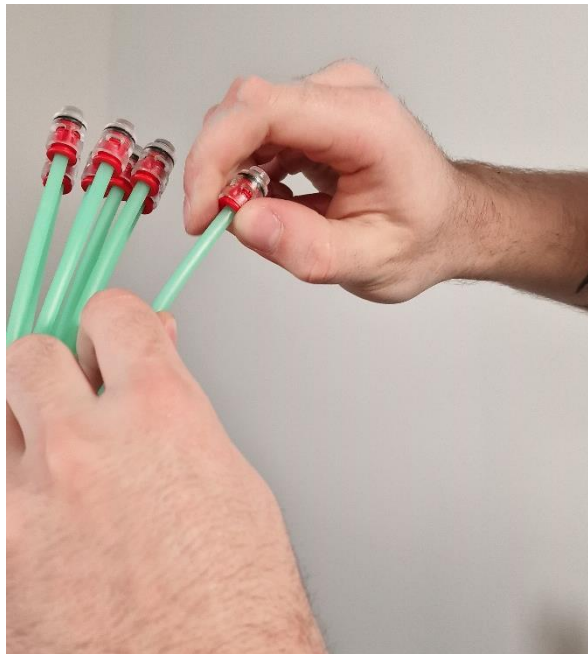


3.0 INSTALLING THE GLAND INTO THE CLOSURE

Note: Installers must not blow directly into the tubes!

Step 7 - Closure with a standard/mini tube restraint bracket

Remove the end cap by pulling it out from the micro duct and repeat the step for the number of micro ducts you need.

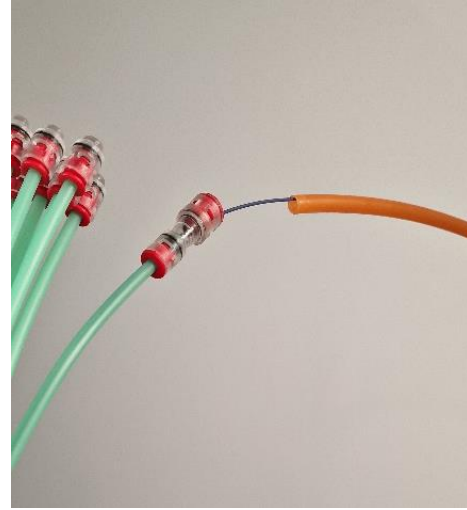


3.0 INSTALLING THE GLAND INTO THE CLOSURE

Note: Installers must not blow directly into the tubes!

Step 8 - Closure with a standard/mini tube restraint bracket

Remove the joint cap and add the reducer onto the micro duct.
Feed 550mm of blown cable through micro duct provided with gland.



3.0 INSTALLING THE GLAND INTO THE CLOSURE

Note: Installers must not blow directly into the tubes!

Step 9 - Closure with a standard/mini tube restraint bracket

Connect reducer to network tube, ensure tube reducer is fully connected to both tubes.



JOINT CLOSEDOWN

Step 9



- Ensure that the ‘O’ seal and adjacent surfaces of the base and cap are clean. Lower the cap onto the base.
- Assemble the clamp around the base.

JOINT CLOSEDOWN

Step 10

Push the toggle arm
to lock the clamp



- Squeeze the clamp together and engage the toggle arm. Push the toggle arm into the clamp to lock and seal.



Standard bracket



Mini bracket

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