





OAsys® WALL MOUNTED PRODUCTS
External Compact Termination (ECT) Wall Box
IP090 – Issue 2

Description	Tools & Additional Items Required								
<ul style="list-style-type: none">Provides a facility for termination of up to 8 fibres.Suitable for SC Simplex and Duplex and LC Duplex and Quad connectors.Can be used with mechanical, crimp or heat shrink splice protectorsSuitable for internal or external applicationsLockable coverSPACE ENVELOPE: 140mm x 35mm x 185mm (W x D x H).	<table><tr><th colspan="2">Additional Items Required: Prysmian Part No.</th></tr><tr><td>Slice protectors 4A</td><td>XPESC00053</td></tr><tr><td>Fixings:</td><td>All Fixings Supplied</td></tr><tr><td>Tools:</td><td>Flat head Screw driver, Fibre preparation tools and cable preparation tools</td></tr></table>	Additional Items Required: Prysmian Part No.		Slice protectors 4A	XPESC00053	Fixings:	All Fixings Supplied	Tools:	Flat head Screw driver, Fibre preparation tools and cable preparation tools
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Component Parts (pictures not to scale)

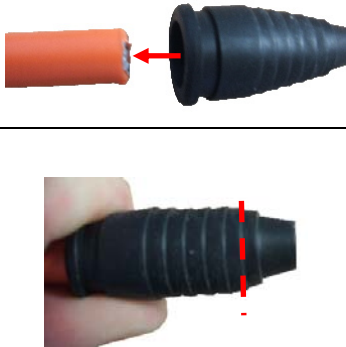
1 ECT Wall Box Assembly 	Qty 1	2 Fixing Kit Contents as listed below :- <ul style="list-style-type: none">1. Crimp splice holder insert2. Heat shrink splice holder insert3. Mechanical splice holder insert4. Cable clamp bar5. Through wall bend manager6. Grommet set7. 2x Yellow wall plug8. 2x Wood screws9. 2x M4 fibre washers10. 5mm Diameter Grey tube11. 2x Screw No.6 X 5/8 Pozi
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Fitting the box to the wall

Step 1  <ul style="list-style-type: none">Take the ECT Wall Box and remove the cover.This is done by unlocking the lock and sliding the cover upwards away from the lock.	Step 2  <ul style="list-style-type: none">Place the ECT wall box on to the wall where it is being mounted.Mark the wall where the fixing holes are.	Step 3  <ul style="list-style-type: none">Fit the box to the wall using the fixing supplied.Fit a nylon washer over the screw as shown above before screwing the box to the wall.
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Installing the cable

Step 4



- Take the grommet shown above and slide it over the end of the cable, the cable will expand around the end of the cable.
- Slide the grommet off the cable
- Cut the grommet where the expanded mark.

Step 5



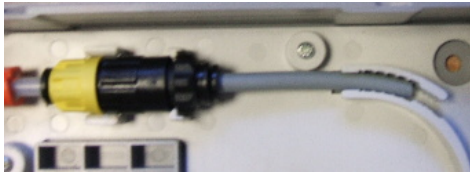
- Slide the grommet back over the cable as shown.
- For blown fibre strip approximately 50mm of the outer sheath off the cable
- For conventional cables strip the outer sheath 2M from the end.

Step 6



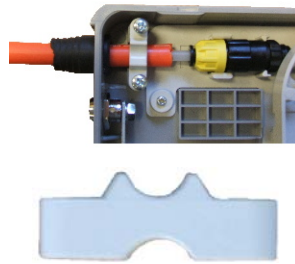
- Mark the tube 25mm from the cable butt.
- Cut the tube on the mark
- Plug the gas connector onto the 5mm tube.

Step 7



- Cut the grey 5mm tube to 65mm long for blown fibre cables
- Fit the grey 5mm tube to the other side of the gas connector.
- Plug the gas block connector in to the base as shown.
- Route the grey tube as shown.
- For conventional cables use the grey 5mm tube to over sleeve the cable element

Step 8



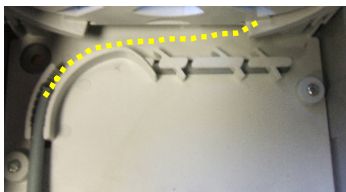
- Using the two NO.6 plastite screws and the cable clamp to clamp the cable in place
- Use the bottom cut-out (in the orientation shown above) for up to 10.5mm cable diameter, for smaller diameters use the top cut-out.

Intentionally left blank

- The fibre is now ready to be blown into the wall box

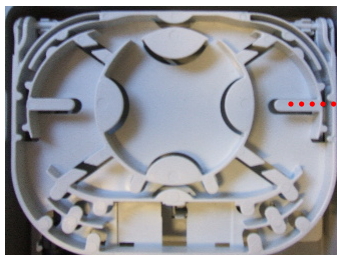
Routing the Fibre and Installing Patchcords

Step 9



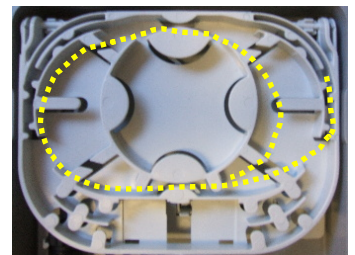
- Route the fibre as shown with the dotted line above
- Route the fibre up onto the top tray.

Step 10



- Remove the outer coating off the blown fibre at the point highlighted above
- Ensure there is two metres of fibre on the splice tray

Step 11



- Route the fibre around the tray as shown with the dotted line above.
- Splice the fibres to the pigtails

INSTALLATION INSTRUCTION

Step 9



- Select the required splice bay

Step 10



- Install the splice bay
- Align to the two tabs on the bay with the two cut-outs on the tray

Step 11



- Push the splice bay down until it locks into position

Step 12



- Take the grommet set and use the blanking grommets to blank any unused holes in the bottom of the wall box

Step 13



- Take the patch cord and thread it through the hole you have selected as shown.

Step 14



- Take the split grommet and place it around the patchcord (ensure the chamfered edge is facing towards the base).
- Fit the grommet into the base

Step 15 – FOR SLICE ONLY WALL BOXES



- If using a ruggedised fibre use the edge of the metal bracket as the strip mark for the cable – Strip the cable using your companies standard procedure
- Anchor tube or patchcord to the metal plate using two cable ties.
- Route the fibre underneath the tabs and up onto the tray.

Step 16



- Store any unused grommets in the storage area inside the base
- Ensure when the split grommets are stored they are stored with the joint facing upwards



- Once all patchcords are fitted the cover can be fitted
- Align the line on the base with the line on the cover
- Slide the cover down
Lock the cover in place