

INSTALLATION GUIDE

Wrapping Tube Cable™ with SpiderWeb Ribbon® butt joint cable preparation.

Preparing a 432f cable for the Apex X-2 and Apex X-2S splice closure.

Scan for Fujikura
Network Rail support



CERTIFICATION OF ACCEPTANCE
[PA05/07895](#)

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[NR1](#)

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Measure and mark 2.5 metres on each cable, it is much easier to have excess when you are going to trim to fit each tray.

The following steps detail the recommended procedure of cable preparation.

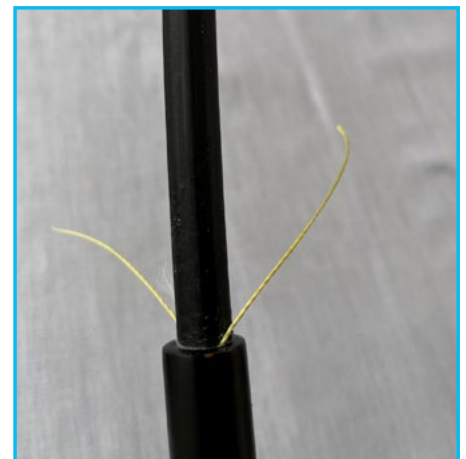
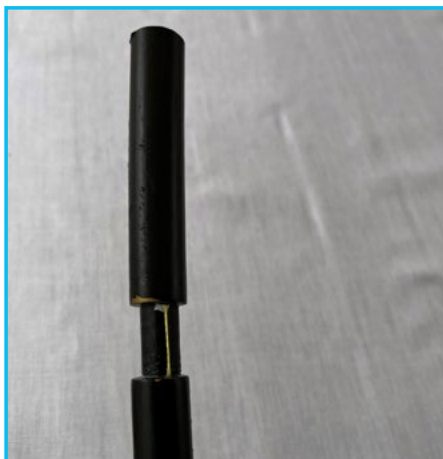
1

Remove a fistful of the outer jacket.



2

Use the pipe cutter to ring cut the cable and remove the short section of outer jacket.



3

Use the sheath ripper to expose enough ripcord to start the process of removing the remaining outer armoured sheath.



4

Place the sheath ripper a few millimetres next to the ripcord and rip through the outer sheath about 25cm on each side. This will give you enough purchase of exposed rip cord to continue ripping through the armoured outer sheath.

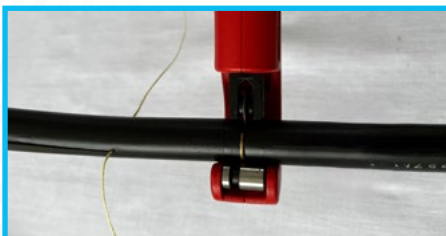
Using a screwdriver handle (or similar), wrap the ripcord around it and pull down the length of the cable.



5

Knowing that the length required is 2.5 metres, you should have determined the location of the pending ring cut and have it marked.

Pull both ripcords to within 5cm of the mark. Then using the pipe cutter, make your ring cut and finish pulling the ripcords to the ring cut.



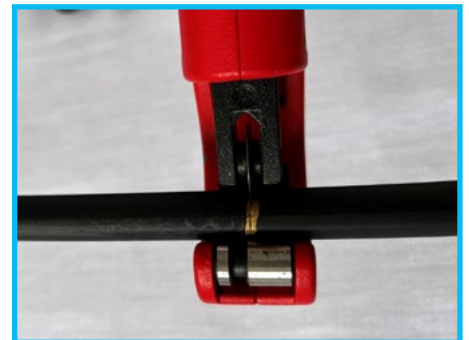
6

Once the armour has been removed, proceed to removing the inner sheath and exposing the fibre.



7

Again, start by removing a fistful of the cable jacket.



8

By removing the end of the inner jacket, the ripcords will be exposed.

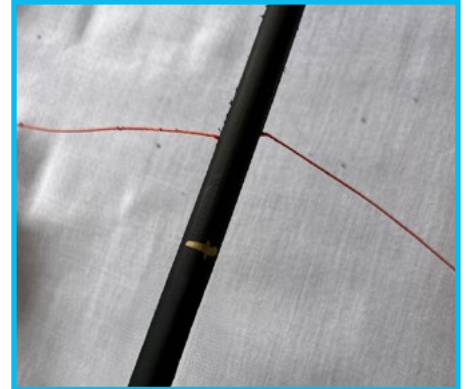
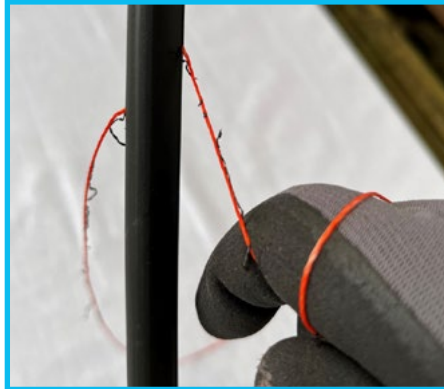
You will see and feel a small ridge on both sides of the cable - these are ripcord identifiers. Use a knife to make a small nick along the ripcord identifier, which will help with starting the ripcord.



9

To locate the ring cut of the inner jacket, make a mark at 80mm from the outer jacket ring cut. This is the required length inside the Apex X-2 series.

It can be helpful to use a pair of long nose pliers to start the ripcords. Once you have enough purchase you can pull the ripcords by hand.

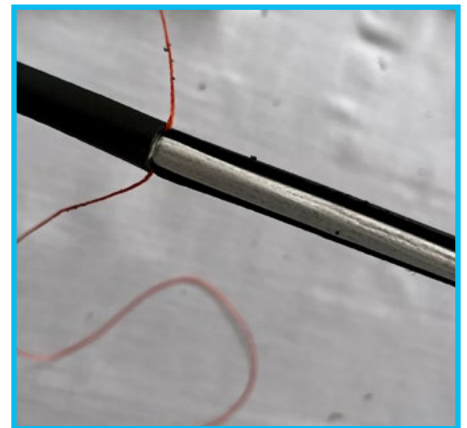
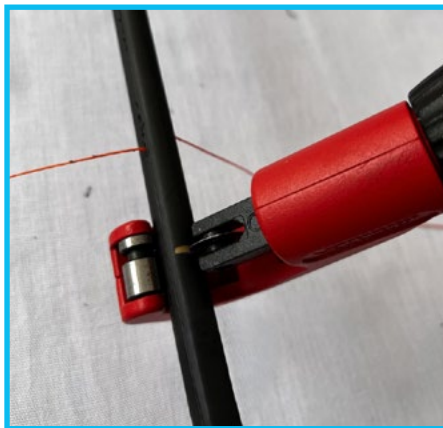


10

Once the ring cut has been completed, finish pulling the ripcords to the ring cut.

Remove the inner jacket and expose the fibre - take a lot of care doing this.

Cut off the ripcords and prepare the cable for the Apex X2 series.



11

Complete the cable preparation by keeping 220mm of the moisture wrap material intact with 50mm strips of PVC tape. This is part of the Apex X-2 series installation.

The cable is now ready to install into the Apex closure.

