

OMAN FIBER OPTIC CO. S.A.O.G.

CABLE PREPARATION
INSTRUCTIONS
FOR OMAN FIBER OPTICS
FRP ARMORED
OPTICAL CABLES

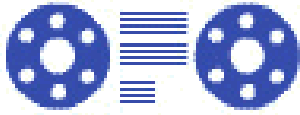
Oman Fiber Optic Co. S.A.O.G.
Rusayl Industrial Estate, Road 4C, PO Box 5
Rusayl, Postal Code 124
Sultanate of Oman

Phone: +968-24448444

Fax: +968-24448448

Main Email: ofoco@omantel.net.om

Website: www.omanfiber.com



Tools Required

A **cutter** will be used to remove the outer sheath

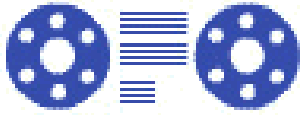


A **glass saw** is needed to cut the FRP Armored dielectric rodent armor

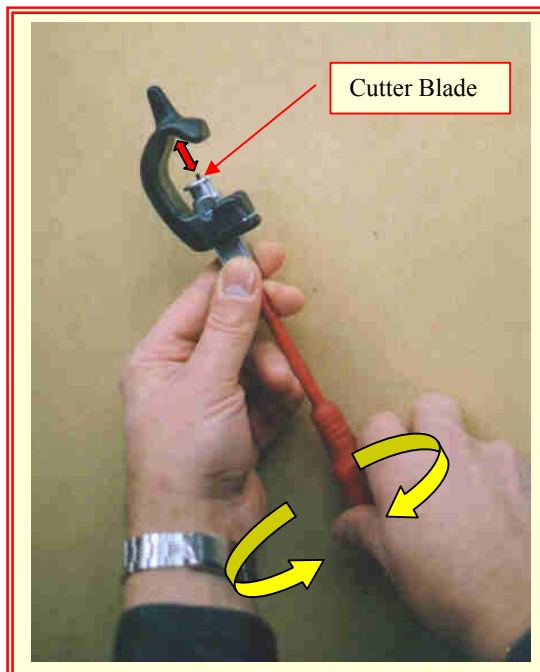
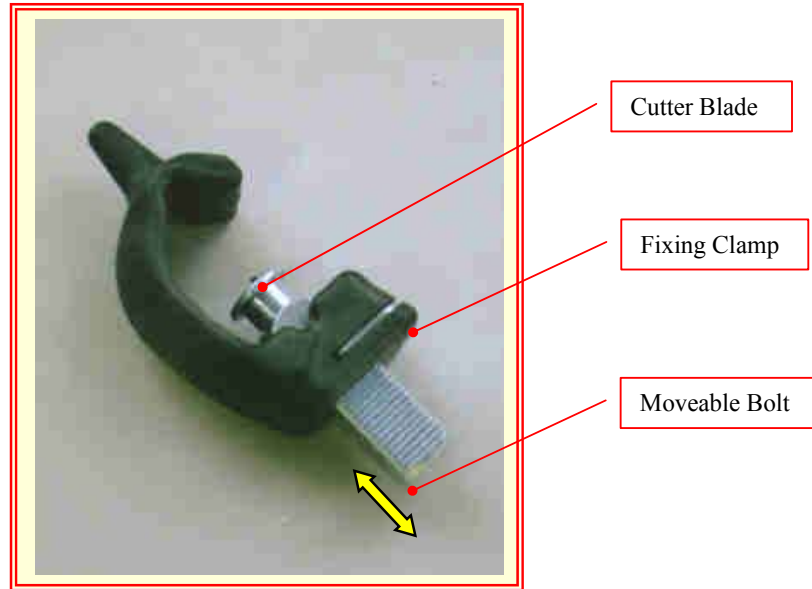


A **curved knife** is used to longitudinally slice the FRP dielectric rodent armor



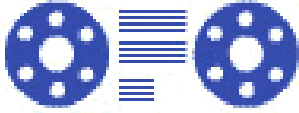


Step 1: Adjust the Cutter Blade



The extent of **cutter blade** should be the same than the wall thickness of PE Outer Sheath

To adjust the extent of cutter blade turn the screw inside the cutter with a suitable screwdriver as long as required extent of cutter blade is obtained.



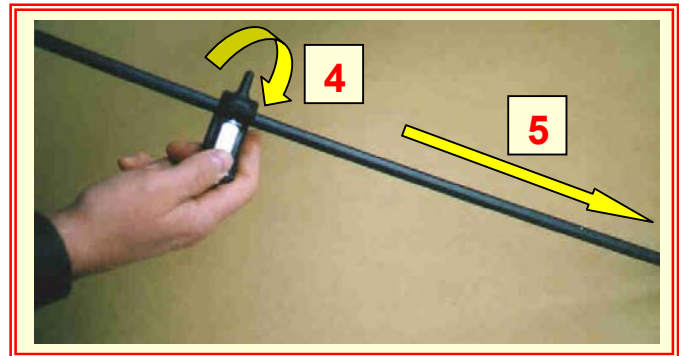
Step 2: Remove the Outer PE Sheath

To remove the PE outer sheath please follow these steps:

(1) Open the **moveable bolt** by pressing the **fixing clamp**.

(2) Bring the **cutter** over the cable in those position you like to remove the PE outer sheath.

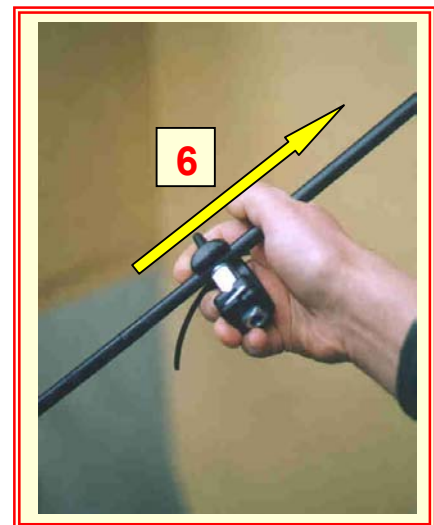
(3) Then, close the **cutter** - pressing the bolt together the cable so that the cutter blade penetrates the sheath.



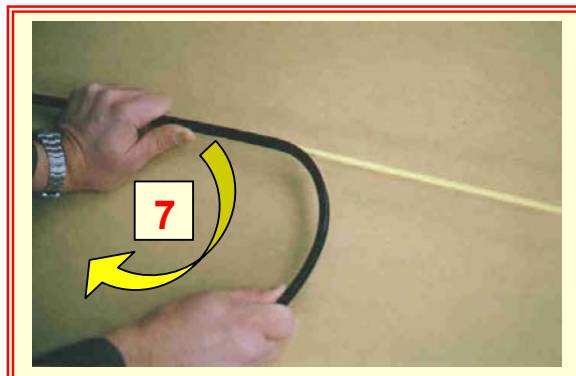
(4) Now turn the **cutter** carefully clockwise around the cable (one or two times).

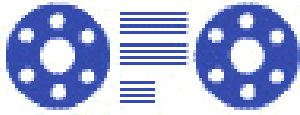
(5) After this pull the **cutter** to the free end of the cable

(6) Rerun (1) to (5) again, but now on the opposite side of the cable.



(7) Now you can remove very easy the cutted two parts of PE - outer sheath from the FRP.

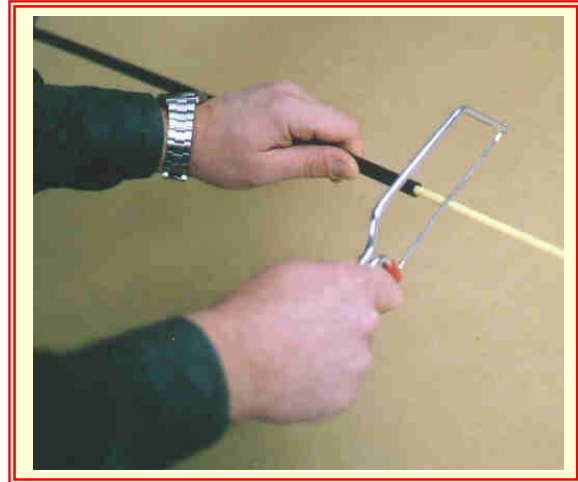




Step 3: Remove the FRP rodent armor layer

Follow the specified items to remove the FRP - sheath:

- (1) Cut the FRP - sheath with the **glass saw** very carefully as long as loose tube(s) can be seen.



- (2) With the **curved knife** remove the FRP carefully as in pictures is shown.

