INSTALLATION INSTRUCTIONS

R&M Type RM / FL FIBER OPTIC
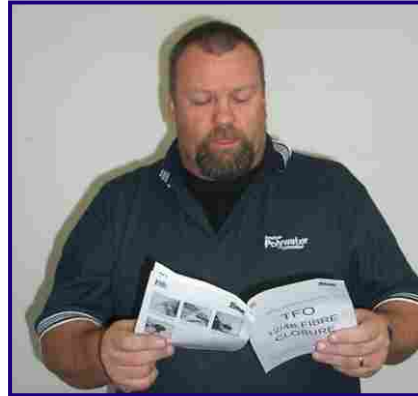
1 Open packaging and remove the closure. Remove clamp and cover.

2 Read instructions carefully before proceeding.

3 Open the end of port identified using a suitable tool.

4 Abrade the selected open port. (Not required when using a rubber cablegrip)
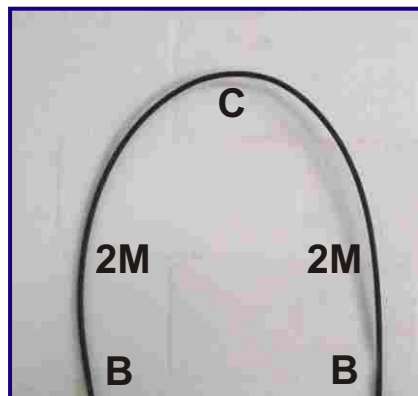

5 Flame brush port prior to applying heatshrinkable sleeve. (Not required when using a rubber cablegrip)
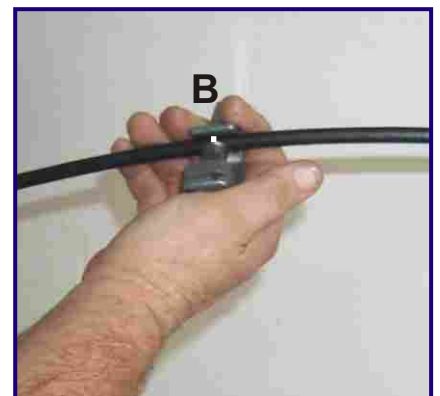

6 Place heatshrink over the open port and shrink down onto port, leaving approx 10mm unrecovered at the end of the port.(Not required when using a rubber cablegrip)
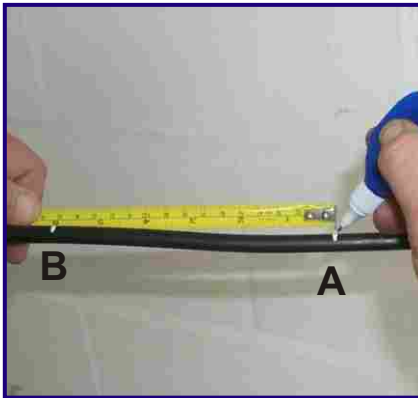

7 Clean the cable for a length of 4 metres for looped cables and 2 metres for single cable applications.
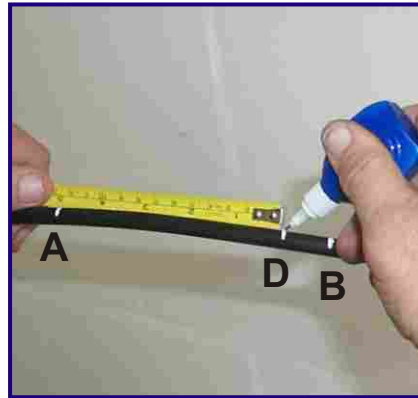

8 Mark position 'B' to 'B' through 'C' to required length for looped cables.
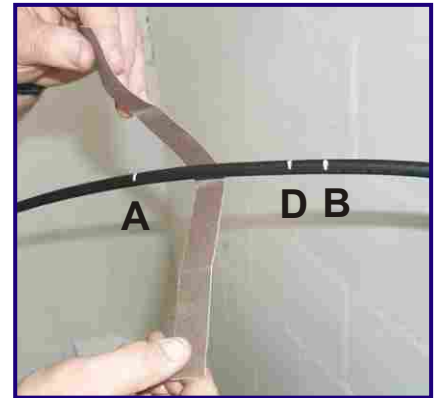

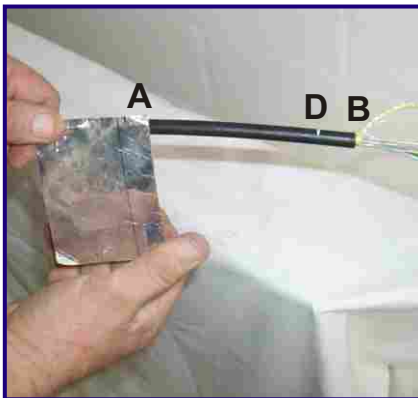**9** Prepare the cables in accordance with standard jointing procedures.

10 Mark the cable position 'A' 150mm from sheath butt position 'B'. (Not required when using a rubber cablegrip)

11 Mark the cable position 'D' 120mm from the position 'A' towards position 'B'. (Not required when using a rubber cablegrip)
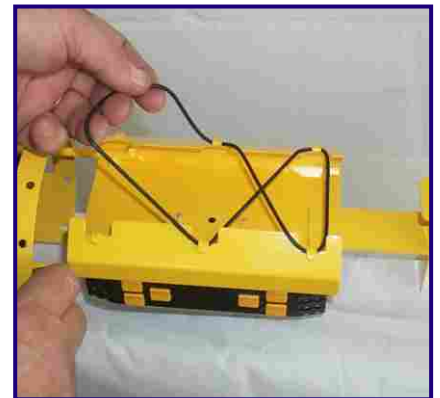

12 Abrade and flamebrush the cable between positions 'A' and 'D'. (Not required when using a rubber cablegrip)
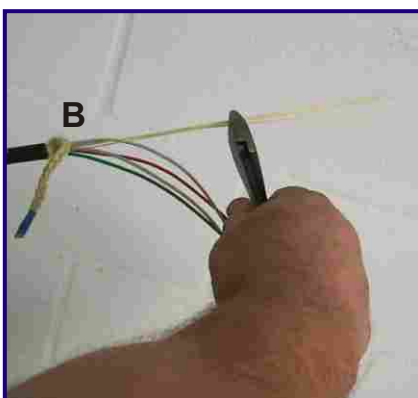

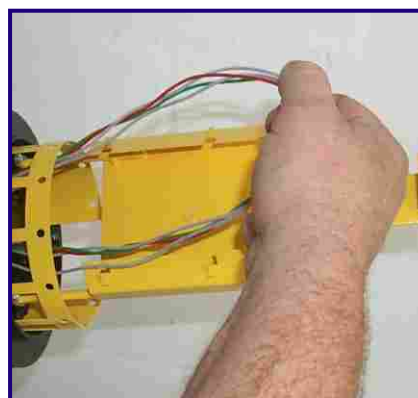**13** Apply the aluminium tape at position 'A'. (Not required when using a rubber cablegrip)

14 Smooth out aluminium tape with a suitable tool. (Not required when using a rubber cablegrip)
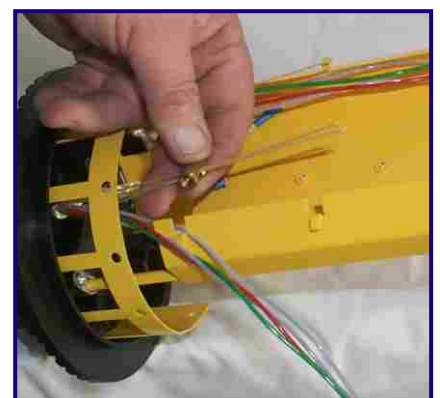

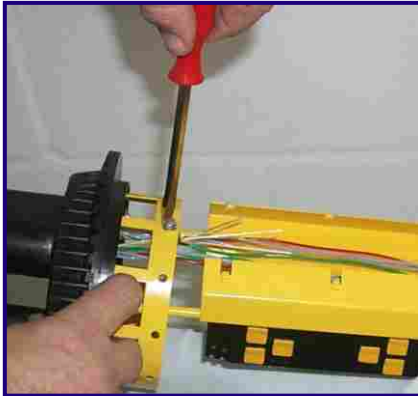**15** Remove strap from storage basket.
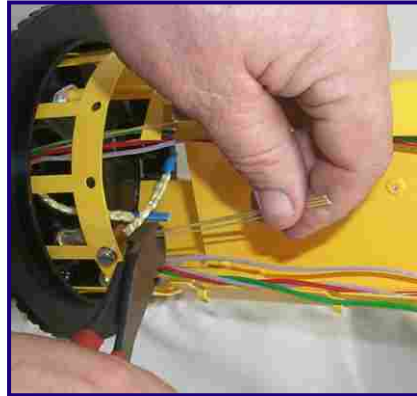

16 Cut the strength member 'GRP' 150mm from position 'B'.

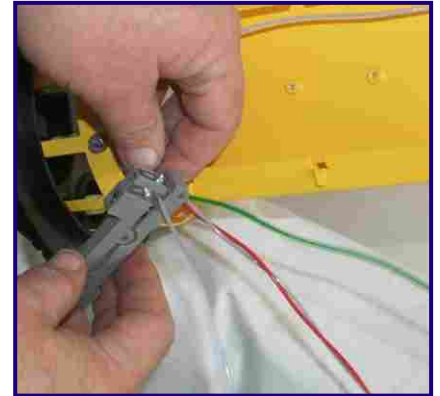**17** Carefully feed fibre tubes through the prepared port.
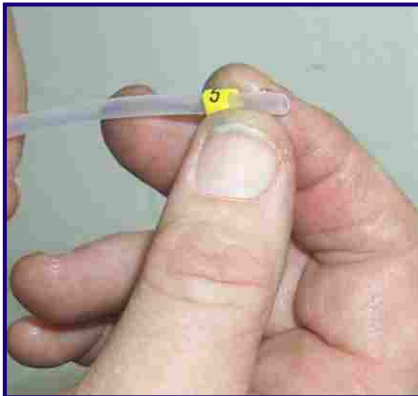

18 Fit the "anchor in" onto the strength member.

19 Fit the "anchor out" and secure to anchor ring.

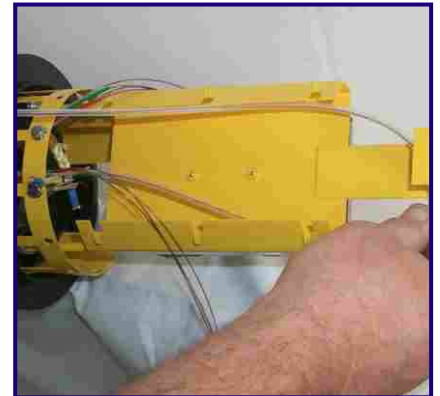**20** Cut the strength member 10mm above the anchor ring.

21 Cut the fibre tubes at a suitable length ±50mm. Fibre tubes can be routed uncut to organiser tray.
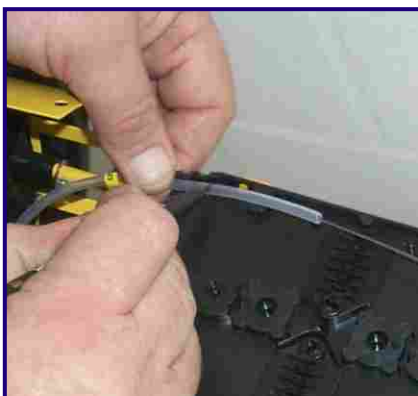

22 Fit tube marker onto transportation tubes / fibre tubes. Not applicable if fibre tube is not cut.

23 Feed transportation tube over bare fibres up to cable sheath opening "B". Not applicable if fibre tube is not cut.
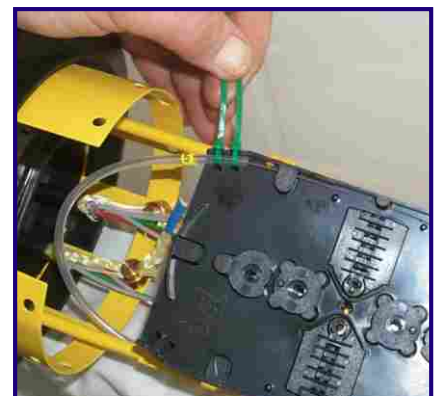

24 Route transportation / fibre tube via storage basket to organiser tray.
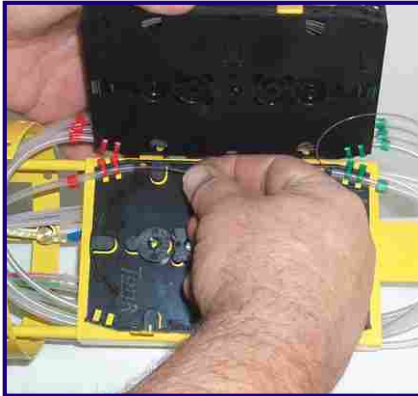

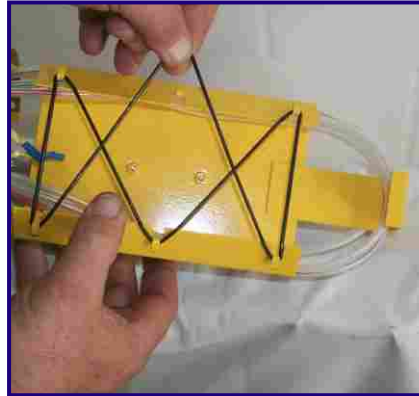**25** Mark position of the tube length required in tray.

26 Cut the tube carefully with a suitable tool as not to damage the bare fibres.

27 Secure transportation tube to organiser tray with a cable tie. Wrap cloth tape to fibre tube under cable ties.

28 Check that bare fibres are not trapped and prepare remaining fibre tubes by repeating steps 21-28. Splice fibre in accordance with standard jointing practice**.**

29 Replace strap on storage basket, secure organiser trays with locking 'clip' and fit organiser tray cover.

30 When using oval port, separate cable and insert branch clip. (Not required when using a rubber cablegrip)

31 Shrink heatshrinkable sleeve down onto cable. Allow to cool. (Not required when using a rubber cablegrip)
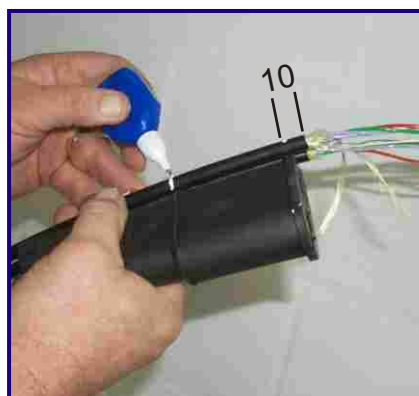

32 Check that the 'O' Ring is not damaged, free from any dirt and seated properly. Fit cover onto the closure
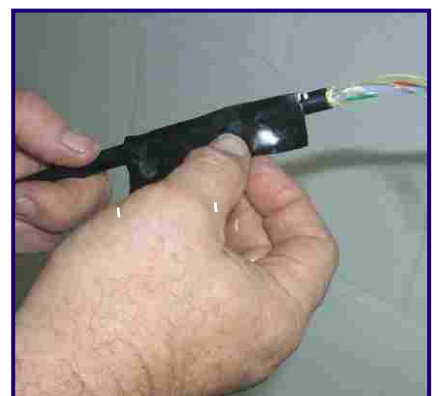

33 Tighten the clamp to seal (To re-enter, loosen clamp and remove cover).

34 The following steps are to be followed when using the cablegrip: Pass cables through the selected port leaving sufficient cable for splicing. Prepare cables in accordance with standard jointing practice.

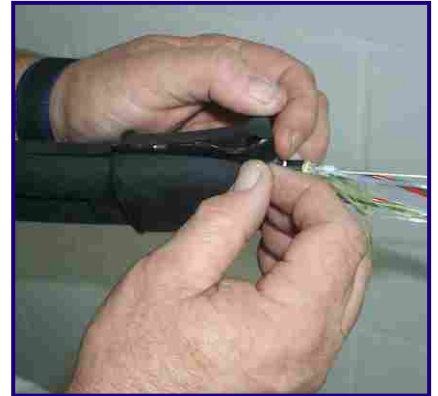**35** Measure and mark the cable against cablegrip: 10mm from open end (butt) of cables and at lower lip.

36 Clean cables and wrap mastic tape between markings on cables.

37 Fit cables into split cablegrip.

38 Cut mastic tape 10mm x 70mm and fold over double.

39 Seal split sides of cablegrip with mastic tape. Trim off excess tape.

40 Cut a strip of mastic tape 5mm x 100mm.

41 Wrap the strip of mastic around the cablegrip under upper lip to create a type of "O" ring.

42 Enter the cablegrip into port.

43 Pull rubber cablegrip and the cables through until the lower lip extrudes from the port **(DO NOT PULL ON BASKET)**.

R&M