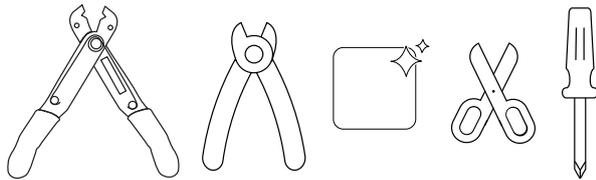


## NOVUX™ Fiber Optic System CC 100 Cable Retention Feeder

### 1 Cable diameter range

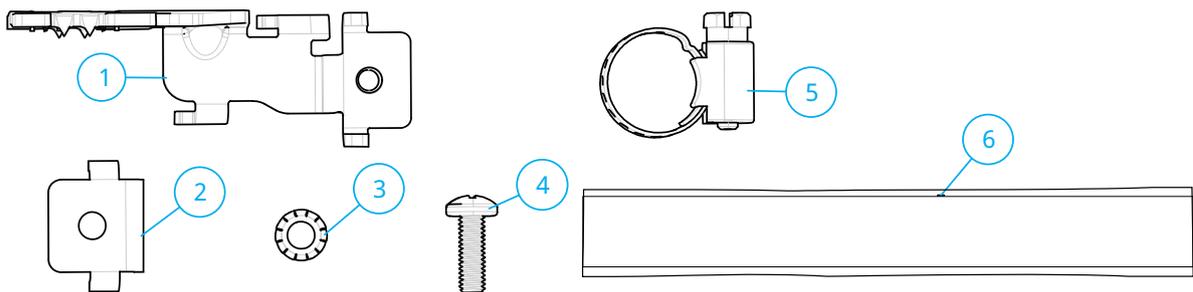
	mm	Inches
Round cable	6-14	0.24-0.55

### 2 Tools



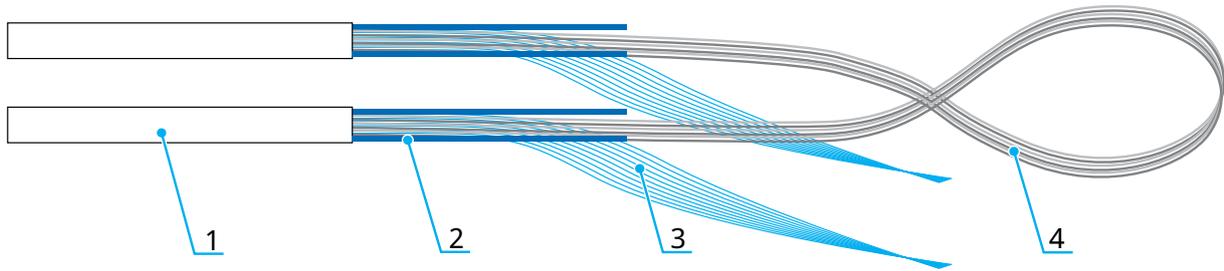
- Cable stripping and cleaning tools
- Scissors
- Phillips screw driver

### 3 Kit contents



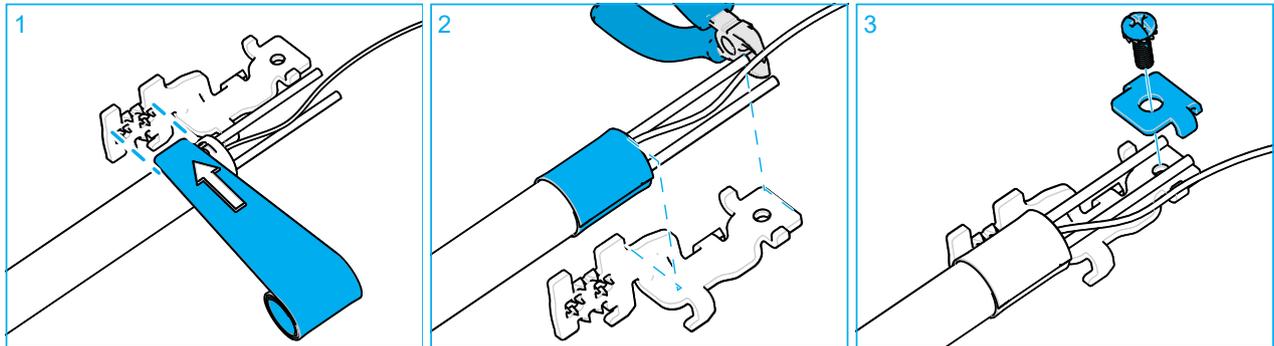
N°	Description	Qty
1	Bracket	1
2	Metal plate	1
3	Washer	1
4	Bolt	1
5	Hose clamp	1
6	Silicone tape	1

## 4 Prepare cable



N.º	Description	Preparation
1	Jacket	<ul style="list-style-type: none"> <li>• ENDCUT: Make a midspan of 130 +/-5 cm (51.2 +/-2 Inches).</li> <li>• MIDCUT: Make a midspan of minimum 200 +/-5 cm (78.7 +/-2 Inches).</li> <li>• CABLE END: remove the jacket over a distance of 130 +/-5 cm (51.2 +/-2 Inches)</li> </ul>
2	Rigid Strength members	Leave 4 +/-0,5 cm (1.6 +/-0.2 Inches) (or verify with bracket).
3	Aramid yarn	If no rigid strength member is present, leave 12 +/-1 cm (4.7 +/-0.4 Inches) of aramid yarn.
4	Subunits	Clean the subunits, remove all grease.

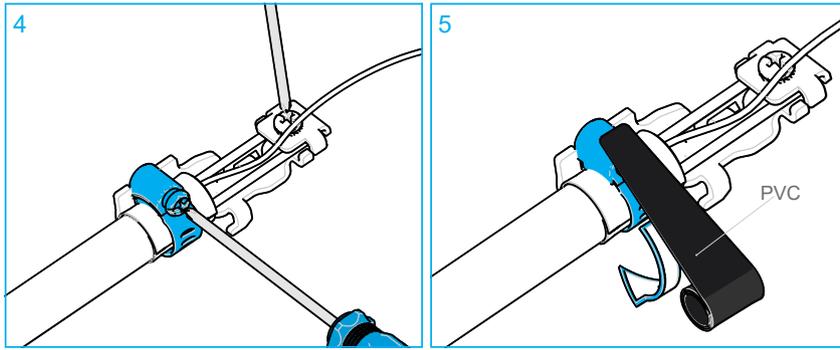
## 5 Feeder cable rigid strength member strain relief



- 1 If the diameter is smaller than 9 mm (0.35 Inches) or if the jacket is a thin jacket, add 5 wraps of self amalgamating silicon tape. Stretch the tape between 50% and 300% while wrapping the tape around the cable. Make sure the tape is wrapped where the hose clamp will be positioned.

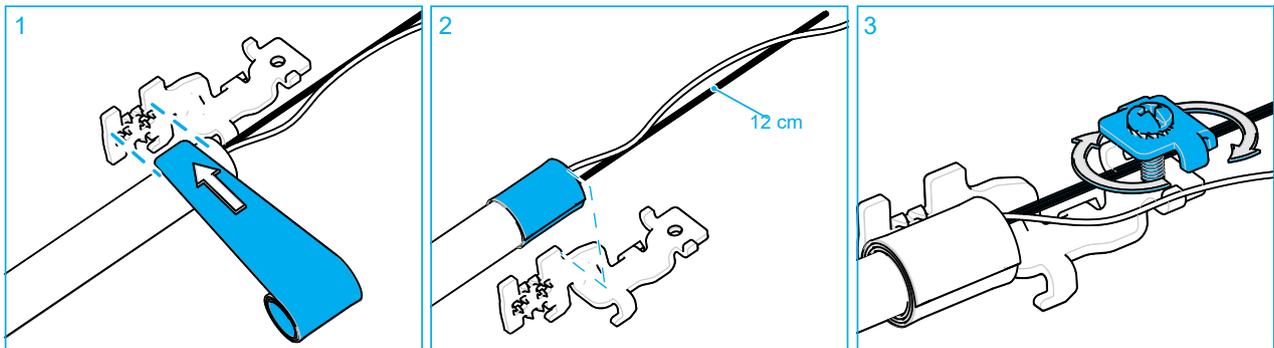
**⚠ Attention:** Make sure your hands are clean and degreased before preparing and installing the cables.

- 2 Verify the length of the strength member(s) as indicated or measure 4 +/-0.5 cm (1.6 +/- 0.2 Inches) and cut to length. Place the cable on the bracket with the jacket end aligned with the bracket edge as shown in figure 2 and the strength members aligned with the top of the bracket.
- 3 Route the subunits aside, install the metal plate and bolt with washer and secure the bolt.



- 4 Install the hose clamp around the cable bracket assembly and secure with an appropriate tool. Make sure the head of the hose clamp is positioned against the bracket.
- 5 Finalize with wrapping 2 layers PVC tape around the hose clamp to keep the excess length of the hose clamp band close to the cable.

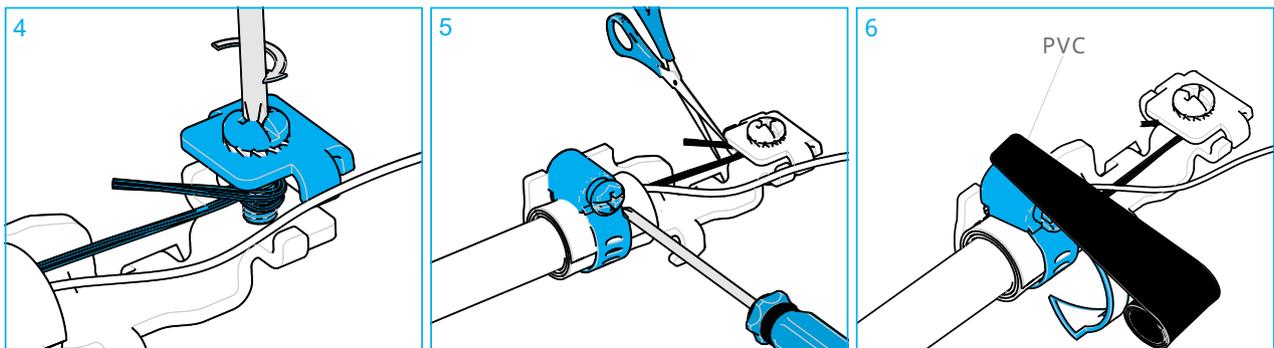
## 6 Feeder cable aramid yarn strain relief



- 1 If the diameter is smaller than 9 mm (0.35 Inches) or if the jacket is a thin jacket, add 5 wraps of self amalgamating silicon tape. Stretch the tape between 50% and 300% while wrapping the tape around the cable. Make sure the tape is wrapped where the hose clamp will be positioned.

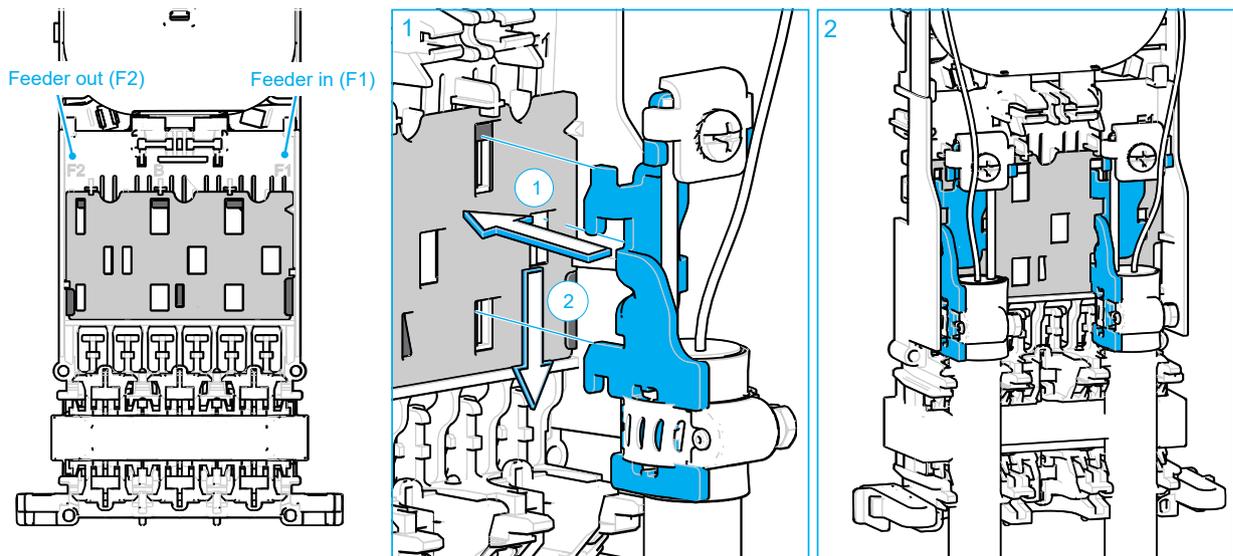
**⚠ Attention:** Make sure your hands are clean and degreased before preparing and installing the cables.

- 2 Cut the aramid yarn to a length of 12 +/- 1 cm (4.7 +/- 0.4 Inches).
- 3 Place the cable on the bracket with the jacket end aligned with the bracket edge. Route the subunits aside, install the metal plate and bolt with washer. Wrap the aramid yarn around the bolt.



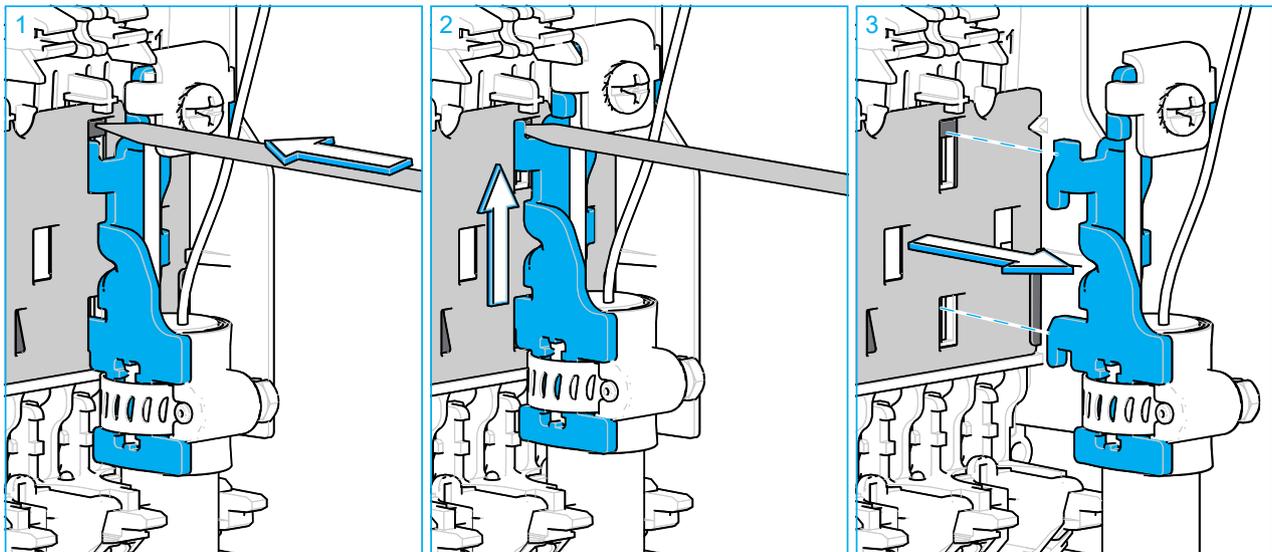
- 4 Secure the bolt.
- 5 Install the hose clamp around the cable bracket assembly and secure with an appropriate tool. Make sure the head of the hose clamp is positioned against the bracket.
- 6 Finalize with wrapping 2 layers PVC tape around the hose clamp to keep the excess length of the hose clamp band close to the cable.

## 7 Install feeder cable



- 1 Install the feeder cable (with the strain relief bracket installed) into the organizer. A loop feeder cable will typically be installed one end left (F2 - feeder out) and one end right (F1 - feeder in).
- 2 The bracket snaps in the interface plate of the organizer.

## 8 Remove feeder cable



- 1 To remove the feeder cable strain relief bracket, position the fiber guidance pen in the slot at the top left of the support and press to release the lock.
- 2 Release the bracket by sliding upwards while maintaining pressure on the lock.
- 3 Remove the bracket and the cable.