

openreach

ISIS Practice
For Openreach People & our Partners

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New Clamp for SST (COF 250) Cable

New Telenco Hypoclamp

About this document ...

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Content approval

This is the Issue 1 of this document.

The information contained in this document was approved on 13-May-2020
by Glen Barford, Overhead Network Policy and Standards Specialist

Version History

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Issue 1	13-May-2020	Wesley Grantham	Initial issue

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1 *Introduction*

This AEC introduces a new clamp for use with SST (COF 250) cable. Over the next few weeks Openreach will be transitioning away from the Corning SST Cable clamp and moving to the Telenco Hypoclamp.

See section 4 for further details.

2 *Status*

- New Component
- Working Practice
- Quality Standard

3 *Scope*

All people involved in the planning, survey and execution of works to install overhead SST cable.

4 *Detail*

The Telenco Hypoclamp is composed of a metallic body, a metallic shim and plastic wedge with an integrant opening bail.

The key difference is that this clamp does not require a Pole Top Link to form an attachment between the clamp and the Pole Ring.

Please see figure 1 below.



Figure 1- New Telenco Hypoclamp

4.1 Attachment to Poles

The pictures shown below are taken from the manufacturer's installation guide and as such, the bracket shown is not something that Openreach use. The attachments will be to a Pole Ring or Universal Pole Bracket, etc.

The installation process is very similar to the existing SST clamp but is described below for completeness.

Step 1

Fit Hybrid Cable Grip (Come Along), item code: 069586 onto the pole or ring head ensuring there is enough length for the clamp to be fitted to the SST cable without interference.

Step 2

Fix the SST cable into Come Along ensuring correct tension is on the cable.

Due to its flat profile, this cable requires twists to be inserted into each Span during installation.

Insert a minimum of 1 twist per 10 metres – preferably 10 twists per span. As this cable is very light, the twists can be inserted by hand, by simply rotating the Cable using both hands.

Caution: Inserting twists is very important. Failure to do so will result in the cable galloping in windy conditions and becoming damaged!



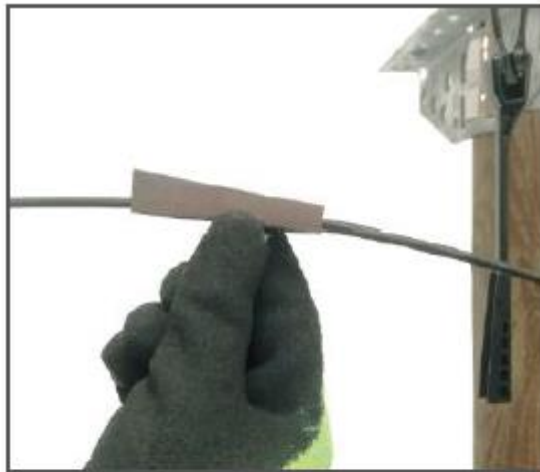
Figure 2 – Fit cable in come along

Step 3



Hang the bail wedge onto the hardware fitting . Lock the bail.

Step 4



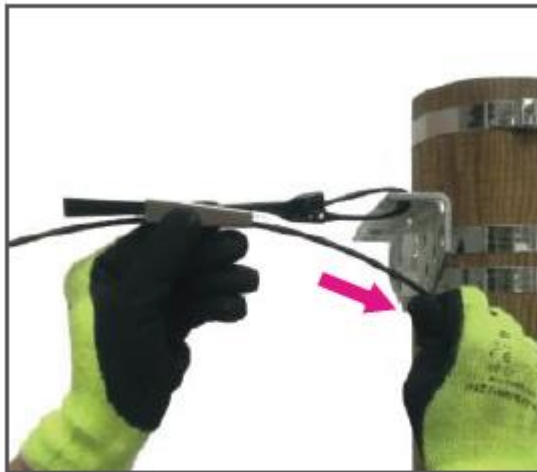
Place the cable flat on the bottom of the HYPOCLAMP body.

Step 5



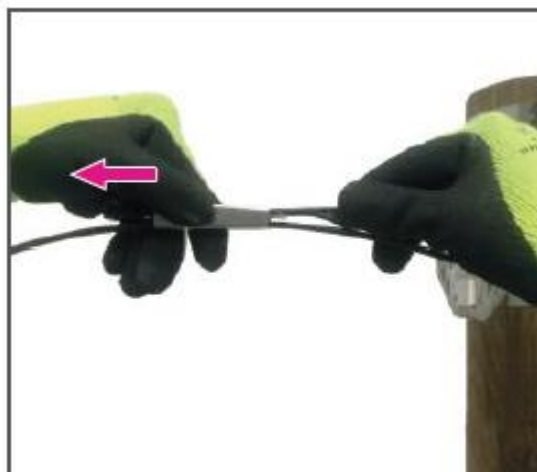
Position the shim onto the cable in the clamp body, with the gripping bumps facing the cable.

Step 6



Insert the assembly at the back of the corner. Adjust the span by pulling on the cable while holding the body. The hypoclamp must be tensioned when adjusting the cable tension.

Step 7



Lock the cable by pulling the body towards the span while holding the bail.

Step 8



Installation successfully
completed.

4.2 Stores Information

The item code for the new clamp is 104593 which are supplied in a box of 10. Once all existing Corning clamps (095296) have been used up, orders will be re-directed to the new Telenco clamp.

5 *Training*

Briefing only, no formal training requirement required.

6 *Quality Standards*

Revised quality standards / guidance not required.

7 *Accreditation*

Accreditation has been considered and changes are not required.

8 *Quality Checks*

Revised quality standards / guidance not required.

9 *Contract impact*

The information in this document is issued to Contractors on the following basis:

- Mandatory

10 *Reference Documentation*

10.1 *ISIS*

ISIS Documents EPT/OHP/B039 will be updated in due course to reflect these changes.

10.2 *Manufacturer's instructions*

N/A

10.3 *Quality*

Revised Q Standards not required

10.4 *Accreditation Documents*

Changes are not required

10.5 *FPQ*

Considered and no changes required

10.6 Supply Chain

NA

10.7 Communications

- AEC
- Loop
- Change forums
- Workplace

END OF DOCUMENT
