

## Cable Clip for Romex 14/2 - Screw On Type



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### Summary

A simple screw on cable clip for Romex electrical cable.

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This cable clip was made specifically for use with a #8 (approx. M4) lath screw. A lath screw is a wood screw with a “washer head” (see photos for an example). The large screw head distributes the pressure exerted on the plastic clip, and the use of a screw instead of a nail makes it easier to install in overhead locations.

Another design feature is that the clip has a slight “bend” (see photos for clip profile) to provide some pre-load on the clip to help it clamp the cable firmly.

### Assembly and Use

The clips are designed to hold the lath screw loosely so that the clip and screw can be readily held on the end of a screw driver. This makes it easier to position the cable with one hand while driving in the screw and fastening the clip with the other hand.

## Print Instructions

Print in PETG using the 3mf files provided, otherwise :

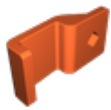
- 0.2mm layer height
- 4 perimeters
- 0% infill
- Concentric top and bottom infill

## CAD

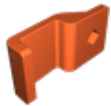
The OnShape 3D CAD files for this are here :

<https://cad.onshape.com/documents/3317a446d050372c94a0c093/w/ac8868c173c78e392f51bfba/e/aee29c8d2adffb5fa7be13b2?renderMode=0&uiState=66a2e319ee43275b5e9a3562>

## Model files



**romex14-2v04b-clip.3mf**



**romex14-2v04b-clip.stl**



**romex14-2v04b-clipx8.3mf**

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