



# Fiber Optic Connector Junction Box



Ememell

[VIEW IN BROWSER](#)

updated 12. 12. 2023 | published 12. 12. 2023

## Summary

Terminal box for two push-fit duplex LC couplers or simplex SC couplers

[Hobby & Makers](#) > [Electronics](#)

Tags: [termination](#) [optical](#) [connection](#) [fibre](#)

A junction box for terminating fibre optical cable to LC or SC connectors. It has a hole for a 20mm stuffing gland, two screw holes for wall mounting, cable guides for the slack fibre, and four slots for splice protectors.

I printed in PLA with 20% infill which came well, just be careful to support the box when pushing the couplers in. The couplers push fit but can be secured with 2mm nuts and bolts if you want. You will need four 3mm countersunk screws (I used 10mm long) or small self-tapping screws to secure the lid.

If you like the model and it was useful for you, a make would be appreciated.

# Model files



**fibre-optic-termination-box.stl**



**fibre-optic-termination-box-lid.stl**

## License

This work is licensed under a  
[Creative Commons \(4.0 International License\)](https://creativecommons.org/licenses/by-nc-sa/4.0/)



**Attribution—Noncommercial—Share Alike**

- 
- ✗ | Sharing without ATTRIBUTION
  - ✓ | Remix Culture allowed
  - ✗ | Commercial Use
  - ✗ | Free Cultural Works
  - ✗ | Meets Open Definition