



Parametric Cable Comb



NT7S

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Summary

3D print your own cable organizer, customized to your needs.

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[cablemanagement](#) [thingiverse](#)

Parametric Cable Comb

3D print your own cable organizer, customized to your needs. Simply use the Thingiverse Customizer in order to make a cable comb to your specifications. Once it's the way you want, export to STL and print as normal.

Parameters

All of the measurements are in millimeters. I've tried to set sane limits in the Customizer, but if you need to exceed them, you can do so by editing the .scad file directly. Let me know if you run into problems or have suggestions for improvements.

There are some advanced parameters available that you shouldn't normally need to touch, but are exposed in case you have some special circumstances.

Printing

This model is not very difficult to print. The most important thing is to align the model so that the comb tines are laying on the build surface, in order to give the comb the most strength against breaking. Use supports (for the slightly-angled lip) and an infill of about 50%.

Source

You can get the latest source file at the [GitHub repo](#).

Print Settings

Printer Brand:

Creality

Printer:

Ender 3

Rafts:

No

Supports:

Yes

Resolution:

0.20

Infill:

50%

Filament: [Hatchbox PLA](#)

Notes:

Print with the comb tines aligned to the build surface in order to ensure maximum strength. Use supports for the angled lip. Best to use infill of at least 50% for strength.

Category: Electronics

Model files



parametriccablecomb.scad

[Find source .stl files on Thingiverse.com](#)

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