Spooly cable safe - no bending cables

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VIEW IN BROWSER

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Summary

lightweight - perfect to keep your cables sorted during traveling

N/A	2 pcs	0.20 mm	0.40 mm	PLA	N/A	Prusa MK3/S/S+

Gadgets > Computers

Tags: spoolroller cablemanagement wireholder cableorganizer spooly

After a lot of prototyping now my final version.

KEY FEATURES

- lightweight for traveling
- cables up to 6mm in original size /small one 4mm cable
- big radius to protect cable from breaking
- wheel design to see the cable
- snap in design for easy assembly
- clamp for cable center
- high friction grip for easy spooling

- both halfs have the same height to ensure same grip surface
- big spindle diameter for fast spooling
- due to the split design it works on low cost printers
- can be scaled if you want smaller or bigger Spooly
- small wedge opening to open with screwdriver - no broken fingernails

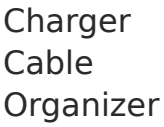
For best results use the original or small design all walls have 0.8 or 1.2 so perfect for 0.4nozzle. But both designs are as well easy scalable. If you do 66% you get diameter 50 for slim cables like earphones. See photos.

All designs can be interchanged like Voronoi cover and honeycomb base.

Printing

- 2 perimeters
- Prusament PLA works best
- 15% infill
- 0.2mm layer
    - 0.12mm layer if you scale down the model to 66%
- prints best with line width set to 0.4mm - most walls are 0.8 or 1.2mm thick

This remix is based on



Charger Cable Organizer

by DFV Tech

Model files

StandardSizeHoneyCombDesign 2 files

bottomhex.3mf

tophex.3mf

StandardSizeVoronoiDesign 2 files

topvoronoi.3mf

bottomvoronoi.3mf

SMALL_HoneyCombDesign 2 files

small_hex_bottom.3mf

small_hex_cover.3mf

SMALL Voronoi design 2 files

small_voronoi_base.3mf

small_voronoi_cover.3mf

SMALL plain 2 files

small_plain_cover.3mf

If you want to put your own design on the Cover

small_plain_base.3mf

If you want to put your own design on the Base

Print files

voronoi_02mm_pla_mk3s_3h15m.gcode

PLA 0.40 mm 0.20 mm 3.26 hrs 25 g Prusa MK3/S/S+

small_hex_02mm_pla_mk3s_1h59m.gcode

PLA 0.40 mm 0.20 mm 1.85 hrs 13 g Prusa MK3/S/S+

Find source .stl files on Thingiverse.com

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