



RatRig V-Minion CAN bus Umbilical Mount



Michael Whitley

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Summary

CAN bus umbilical mount for the RatRig V-Minion that attaches to the Z Axis / X Axis joint and the Eva 3 40x28 Fan Duct.

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Mount a CAN bus umbilical cable from the V-Minion's Z/X Axis joint to the EVA 3 toolhead when using the EVA 3 40x28mm fan inlet.

My setup in the pictures uses a 6mm PTFE tube for the wires but the design allows for other sized cables as well.

The toolhead mount should go between the 40x28 fan and the Eva 3 inlet. Secure the CAN bus cable to the mounts with 4"/100mm zip ties.

Print in PETG, ABS, or PC. I used 5-10 perimeters with a 23% infill and a .3 layer height. Files are prepositioned on the print bed and supports are not required.

Happy Printing!

Model files

v-minion-umbilical-mount-eva-40x28-inlet.stl



v-minion-umbilical-mount-z-x-axis.stl



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