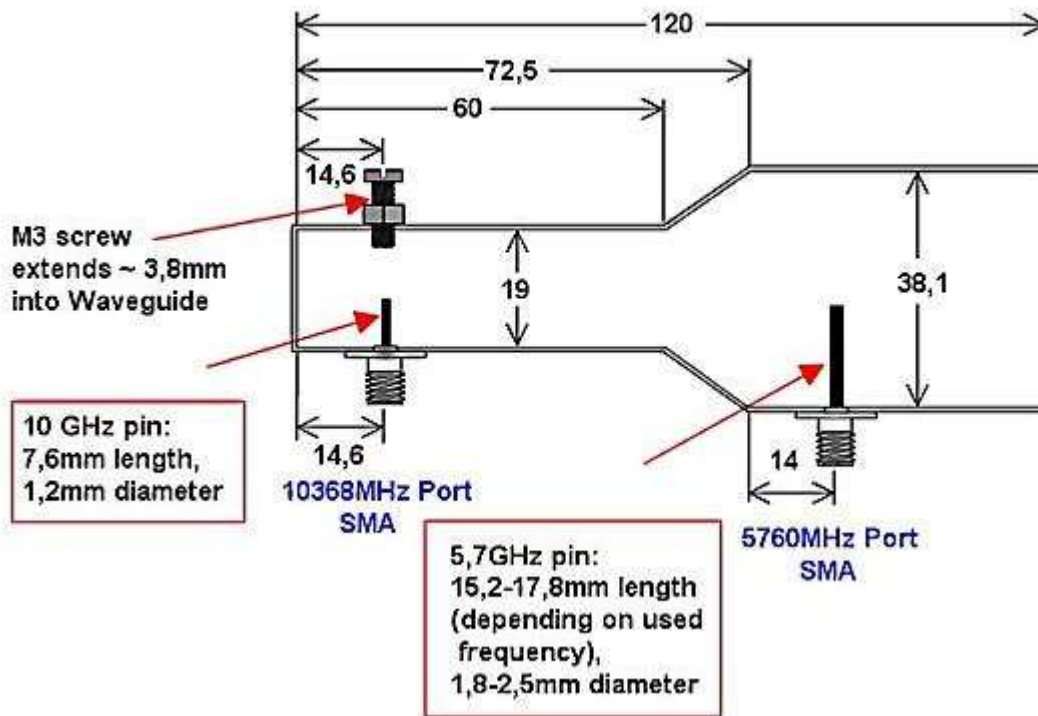


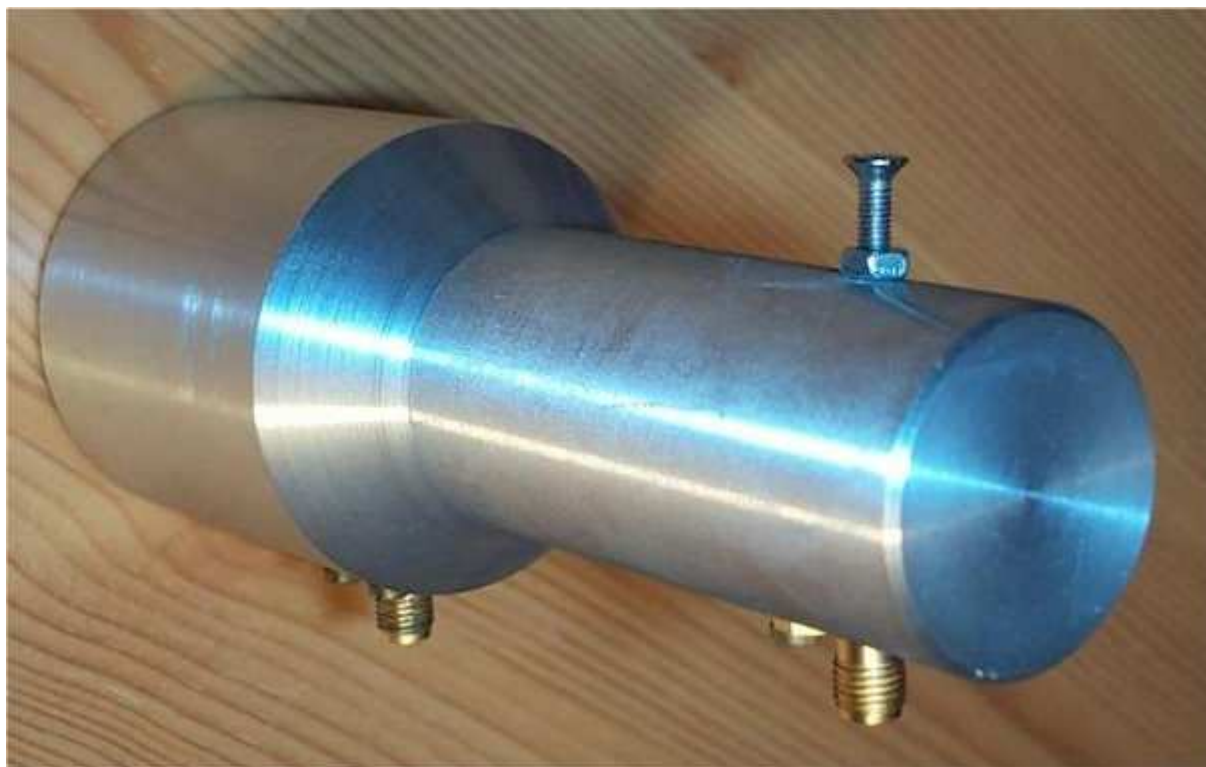
choose feed

[47 GHz feed](#)[1.3&3cm feedhorn](#)**WB5LUA DUAL 5760 & 10368 MHz FEEDHORN**

all dimensions are in mm

**Notes:**

- 10368 MHz probe is made from the center conductor of an SMA connector or .141 semirigid cable. 1.8mm of the teflon dielectric extends into waveguide. Length of pin above dielectric is 7,6mm. M3 tuning screw is diametrically opposite probe and is adjustable.
- 5760 MHz probe is 15,2 - 17,8mm in length and can be made from tubing  
1,8 - 2,5mm in diameter.
- Tuning of both frequencies can be accomplished by tuning either probe length.
- Isolation:  
10368 MHz signal @ 5760 MHz port = -19dB  
5760 MHz signal @ 10368 MHz port = -45dB
- Return loss > 23dB at both ports
- Description and original drawing is from Al Ward WB5LUA  
Drawing above in metrical dimensions is made by DL6NCI



FEEDHORN made by Jonathan G4KLX  
you can download his engineering drawings as PDF File

[DOWNLOAD](#)

