

# Need the measurements to convert your db224 to another band split? Well you have found it.

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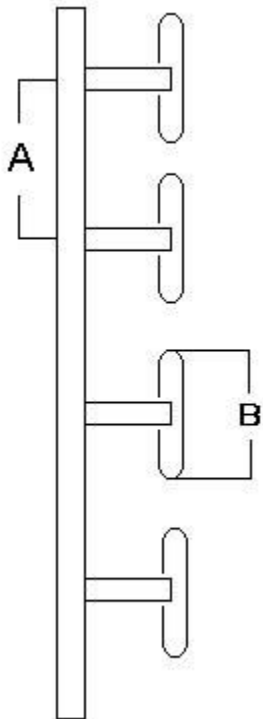
This info was straight from DB engineering Department.

I had it on an old website and lost it and called them  
back and no one would give me any information at all.

Then I found it again. So lets safeguard it with our lives.

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This is the measurements for the elements  
and the spacing between elements.



A=Spacing Between Elements

wavelength x 0.9

Example for 146.94mhz

$11.808/146.94=80.36$

$80.36 \times 0.9 = 72.32"$

the 0.9 can be any number

between 0.9 and 0.75. No less  
than 0.75 though.

B=Length of elements

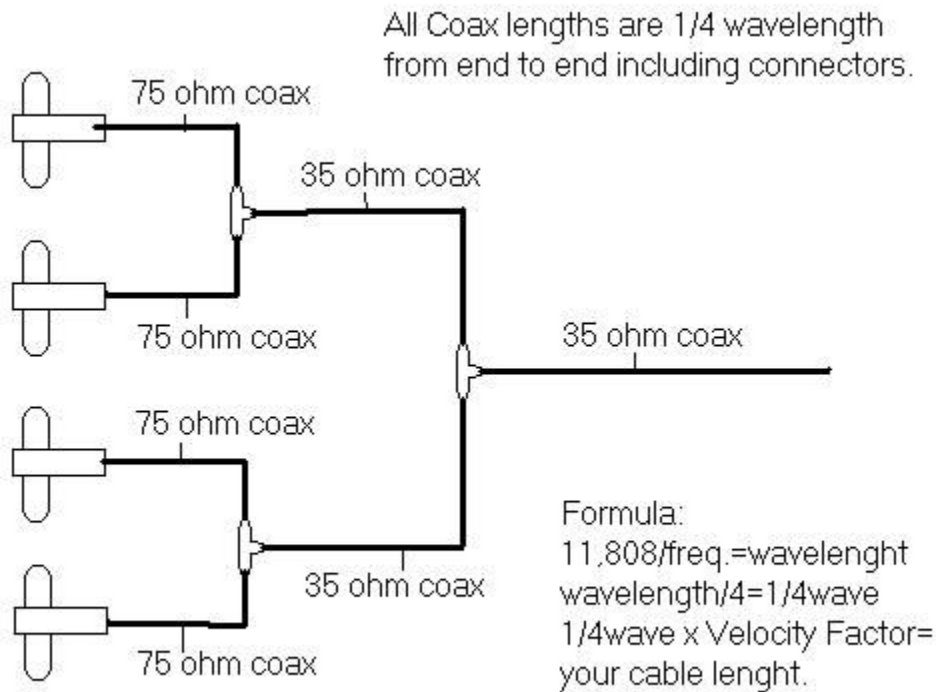
wavelength x 0.465

Example for 146.94

$11808/146.94=80.36$

$80.36 \times 0.465 = 37.36"$

This is the measurements for their factory harness



The 35 ohm cable can be purchased here: [The Wireman](#)

It's RG83....Thanks for info Wayne (WA2YNE)

I am no expert on ant design. But I do know that

the 35ohm coax is rare unless you pay a pretty penny for it.

So if someone has done the math to use different coax and would

like to share the info I will put it on this page as well.

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