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

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.

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

A=Spacing Between Elements
wavelength x 0.9
Example for 146.94 mhz
11.808/146.94 = 80.36
80.36 x 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
11.808/146.94 = 80.36
80.36 x 0.465 = 37.36"
This is the measurements for their factory harness

All Coax lengths are 1/4 wavelength from end to end including connectors.

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.