

## Special Problem II.A-23

Using the web or other means, find a data sheet for a **4 port directional coupler** (do not use a hybrid coupler), and determine for that device each parameter listed on the **coupler data sheet** handout.

**Underline**, circle, or otherwise indicate where you found these values on your data sheet.

In addition, list each of these parameter names and values (with units) on a **separate** sheet.

If you cannot determine the value of a particular specification from the data sheet, then write down the numeric value that you would **expect** the device to have, using either knowledge provided in the data sheet or your own understanding of what a "typical" value is (you may need to refer to other data sheets).

Turn in **both** your complete specification sheet, along with the data sheet for the specific device that you evaluated.

An **example** of a coupler data sheet can be found at:

[www.merrimacind.com/rfmw/data\\_sheets/C/CRCRM.pdf](http://www.merrimacind.com/rfmw/data_sheets/C/CRCRM.pdf)

**WARNING:** Do not use any of the couplers from **this** data sheet!