



(bjorn

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- Configuration 3 - Standard atmospheric or atmospheric/geodetic site with a radio modem link

Like Configuration 1, except with a radio modem link for the serial connection between the GPS receiver and the computer. In this configuration, only one serial link is used.



## Configuration 3 Components:

1. [Trimble Microcentered geodetic GPS antenna](#)
2. Grounded [lightning protector](#)
3. [Trimble 4700 GPS receiver](#)
4. [Meteorological package](#) sensor
5. [Meteorological package](#) body (Vaisala only)
6. [Serial surge protector](#)
7. [System computer](#)
8. [Trimble power supply p/n 30413](#)
9. [Wireless radio](#)
10. [Backup power supply](#)
11. [Gen power connector](#)

## Cables:

- a. [GPS antenna cable](#) - N male to N male, RG-214
- b. [GPS antenna cable](#) - N male to 1-shell Lemo Coaxial P male, RG-214
- c. [GPS to meteorological package cable](#) - 0-shell Lemo male to DB9 male
- d. [Serial/power cable p/n 32345](#) - 7 p Lemo to DB9
- e. Serial cable - DB9 male to DB9 female
- f. [Power cable](#)
- g. DB9 null modem adapter
- h. DB9 male-male adapter

## • Configuration 4 - Atmospheric/geodetic site with a radio modem link

Like Configuration 2, except with a radio modem link for the serial connection between the GPS receiver and the computer. In this configuration, only one serial link is used.



Online URL: <https://kb.unavco.org/article/suominet-site-configurations-593.html>