

## RF Spectrum Analyzers

| Analyzer Bandwidth (MHz ~ GHz) | Filter Bandwidth Min. ~ Max. (kHz ~ MHz) | Typical Accuracy (dB) | Included Antenna Bandwidth (MHz ~ GHz) | Digi-Key Part No. | Price Each | Kaltman Creations Part No. |
|--------------------------------|--|-----------------------|--|-------------------|------------|----------------------------|
| 10 ~ 4                         | 100 ~ 50                                 | ±3                    | 400 ~ 4                                | 774-1000-ND       | 1070.85    | SPECTRAN HF4040            |
| 10 ~ 6                         |  |                       | 400 ~ 6                                | 774-1001-ND       | 1285.02    | SPECTRAN HF4060            |
| 1 ~ 6                          |  |                       | 400 ~ 6                                | 774-1002-ND       | 2250.59    | SPECTRAN HF6060            |
| 1 ~ 7                          |  |                       | 400 ~ 8                                | 774-1003-ND       | 2827.78    | SPECTRAN HF6080            |

**B**

## Cable Coiler

The Cable Coiler allows rapid, twist free winding of any type of cable 100 feet plus. Operated off of six "D" batteries, this compact unit can wind cable in just a few seconds, extending the life of the cable and eliminating manual coiling. The Cable Slap Ties provide a simple and fast way to bundle the wire or cable.

| Description   | Digi-Key Part No. | Price Each | Kaltman Creations Part No. |
|---|-------------------|------------|----------------------------|
| Cable Coiler, includes 10 Cable Slap Ties.....                        | 774-1004-ND       | 116.12     | KCC50-5                    |
| Cable Slap Ties, Red/Green/Yellow, 7 each (package of 21 pieces)..... | 774-1005-ND       | 18.11      | CST21-RGY                  |
| Cable Slap Ties, Blue (package of 21 pieces).....                     | 774-1006-ND       | 18.11      | CST21-B                    |



## Wireless Products

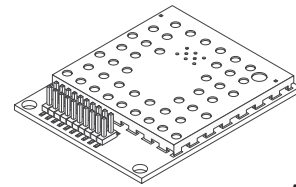
With the addition of the Aerocomm (Proprietary RF) and EZURiO (Bluetooth and WLAN) products, Laird offers a wide variety of wireless systems solutions based on standard and proprietary solutions, either module or stand-alone format.

**The Proprietary RF Modules** provide a simple serial interface, multiple antenna options and ranges up to 20 Miles (Line of Sight, 1W output radios).

**The Stand-Alone Radio Modems** provide an embedded module with the included antenna and enclosure with a serial interface (RS-232, DB9 connection).

**Development Kits** for the proprietary RF modules include: 2 RF Test boards with power supplies, Cables, Configuration Software and documentation.

Proprietary RF Module



AC4490-200M

| Frequency                        | Power Output Max. (mW) | Antenna Type           | Serial Baud Rate Max. (kbps) | Serial Interface  | Standard/Modulation | Digi-Key Part No.     | Price Each            |                |                 | Laird Technologies Part No. |                    |
|----------------------------------|------------------------|------------------------|------------------------------|-------------------|---------------------|-----------------------|-----------------------|----------------|-----------------|-----------------------------|--------------------|
|                                  |                        |                        |                              |                   |                     |                       | 1                     | 50             | 100             |                             |                    |
| <b>Proprietary RF Modules</b>    |                        |                        |                              |                   |                     |                       |                       |                |                 |                             |                    |
| 900                              | 200                    | Connector, MMCX        | 115.2                        | 3V or 5V TTL      | FHSS                | AC4490-200M-ND‡       | 45.38                 | 42.48          | 39.57           | AC4490-200M                 |                    |
|                                  |                        |                        |                              |                   |                     | AC4490LR-200M-ND†‡    | 49.73                 | 46.47          | 43.20           | AC4490LR-200M               |                    |
|                                  |                        | AC4490-200M-485-ND§    | 46.10                        | 43.20             | 40.30               | AC4490-200M-485       |                       |                |                 |                             |                    |
|                                  | Integral               | 115.2                  | 3V or 5V TTL                 | FHSS              | AC4490-200A-ND‡     | 46.36                 | 43.46                 | 40.55          | AC4490-200A     |                             |                    |
|                                  |                        |                        |                              |                   | AC4490-200A-485-ND§ | 47.08                 | 44.18                 | 41.28          | AC4490-200A-485 |                             |                    |
|                                  |                        | 1000                   | Connector, MMCX              | 115.2             | 3V or 5V TTL        | FHSS                  | AC4490-1000M-ND‡      | 56.27          | 53.00           | 49.74                       | AC4490-1000M       |
| 900                              | 200                    | Connector, MMCX        | 115.2                        | 3V or 5V TTL      | FHSS                | AC4490LR-1000M-ND†‡   | 61.35                 | 57.72          | 54.09           | AC4490LR-1000M              |                    |
|                                  |                        |                        |                              |                   |                     | AC4490-1000M-485-ND§  | 56.99                 | 53.73          | 50.46           | AC4490-1000M-485            |                    |
|                                  |                        | Integral               | 115.2                        | 3V or 5V TTL      | FHSS                | AC4790-200M-ND‡       | 45.38                 | 42.48          | 39.57           | AC4790-200M                 |                    |
| AC4790LR-200M-ND†‡               | 49.73                  |                        |                              |                   |                     | 46.47                 | 43.20                 | AC4790LR-200M  |                 |                             |                    |
| AC4790-200M-485-ND§              | 46.10                  |                        | 43.20                        | 40.30             | AC4790-200M-485     |                       |                       |                |                 |                             |                    |
| 900                              | 1000                   | Connector, MMCX        | 115.2                        | 3V or 5V TTL      | FHSS                | AC4790-200A-ND‡       | 46.36                 | 43.46          | 40.55           | AC4790-200A                 |                    |
|                                  |                        |                        |                              |                   |                     | AC4790-200A-485-ND§   | 47.08                 | 44.18          | 41.28           | AC4790-200A-485             |                    |
|                                  |                        | Integral               | 115.2                        | 3V or 5V TTL      | FHSS                | AC4790-1000M-ND‡      | 56.27                 | 53.00          | 49.74           | AC4790-1000M                |                    |
| AC4790LR-1000M-ND†‡              | 61.35                  |                        |                              |                   |                     | 57.72                 | 54.09                 | AC4790LR-1000M |                 |                             |                    |
| AC4790-1000M-485-ND§             | 56.99                  |                        | 53.73                        | 50.46             | AC4790-1000M-485    |                       |                       |                |                 |                             |                    |
| 868                              | 5                      | Connector, MMCX        | 115.2                        | 3V or 5V TTL      | FSK                 | AC4486-5M-ND‡         | 42.43                 | 40.10          | 37.76           | AC4486-5M                   |                    |
|                                  |                        |                        |                              |                   |                     | AC4486-5M-485-ND§     | 43.16                 | 40.83          | 38.48           | AC4486-5M-485               |                    |
|                                  |                        | Integral               | 115.2                        | 3V or 5V TTL      | FSK                 | AC4486-5A-ND‡         | 43.81                 | 41.52          | 39.21           | AC4486-5A                   |                    |
| AC4486-5A-485-ND§                | 44.54                  |                        |                              |                   |                     | 42.14                 | 39.72                 | AC4486-5A-485  |                 |                             |                    |
| 868                              | 250                    | Connector, MMCX        | 57.6                         | 3V TTL            | FSK                 | AC4868-250M-ND‡       | 57.10                 | 55.33          | 53.55           | AC4868-250M                 |                    |
|                                  |                        |                        |                              |                   |                     | AC4868-250M-485-ND§   | 57.83                 | 56.05          | 54.27           | AC4868-250M-485             |                    |
| 2400                             | 10                     | Connector, MMCX        | 192                          | 3V or 5V TTL      | FHSS                | AC4424-10-ND‡         | 61.71                 | 59.90          | 58.08           | AC4424-10                   |                    |
|                                  |                        | Integral               | 192                          | 3V or 5V TTL      | FHSS                | AC4424-10A-ND‡        | 63.16                 | 61.72          | 60.26           | AC4424-10A                  |                    |
|                                  | 100                    | Connector, MMCX        | 192                          | 3V or 5V TTL      | FHSS                | AC4424-100-ND‡        | 65.34                 | 63.53          | 61.71           | AC4424-100                  |                    |
|                                  | 200                    | Connector, MMCX        | 192                          | 3V or 5V TTL      | FHSS                | AC4424-200-ND‡        | 66.07                 | 64.26          | 62.44           | AC4424-200                  |                    |
| <b>Stand-Alone Radio Modules</b> |                        |                        |                              |                   |                     |                       |                       |                |                 |                             |                    |
| 2400                             | 100                    | Dipole, RPSMA          | 288                          | RS232, DB9 Male   | FHSS                | CL4424-100-232-ND◆    | 133.58                | 129.96         | 126.33          | CL4424-100-232              |                    |
|                                  |                        |                        |                              |                   |                     | CL4424-100-232-SP-ND◆ | 267.17                | 259.91         | 252.65          | CL4424-100-232-SP           |                    |
|                                  |                        |                        |                              |                   |                     | RS485, DB9 Male       | CL4424-100-485-ND◆    | 133.58         | 129.96          | 126.33                      | CL4424-100-485     |
|                                  |                        |                        |                              |                   |                     | RS485, DB9 Male       | CL4424-100-485-SP-ND◆ | 267.17         | 259.91          | 252.65                      | CL4424-100-485-SP  |
| 900                              | 200                    | Dipole, RPSMA (female) | 115.2                        | RS232, DB9 Female | FHSS                | CL4490-200-05-ND      | 79.86                 | —              | —               | CL4490-200-05               |                    |
| 900                              | 1000                   | Dipole, RPSMA (female) | 115.2                        | RS232, DB9 Male   | FHSS                | CL4490-1000-232-ND    | 79.86                 | —              | —               | CL4490-1000-232             |                    |
|                                  |                        |                        |                              |                   |                     | CL4490-1000-232-SP-ND | 163.35                | —              | —               | CL4490-1000-232-SP          |                    |
|                                  |                        |                        |                              |                   |                     | RS485, DB9 Male       | CL4490-1000-485-ND    | 79.86          | —               | —                           | CL4490-1000-485    |
|                                  |                        |                        |                              |                   |                     | RS485, DB9 Male       | CL4490-1000-485-SP-ND | 163.35         | —               | —                           | CL4490-1000-485-SP |

◆ RoHS Compliant † Increased Sensitivity for Longer Range ‡ RS232 Serial Interface § RS485 Serial Interface

(Continued)

**Free shipping on orders over £50! All prices are in British pound sterling and include duties.**