



LCS-4K Combiner Switch *Supports Ku-Band* Product Bulletin January 13, 2004

Comtech EF Data is pleased to announce the release of a Ku-Band model of the LCS-4 Combiner Switch. The new model, LCS-4K, is now in general availability.

The LCS-4 Combiner/Switch Controller is an indoor unit that provides combining/splitting for L-Band modems. It also operates as a redundancy controller for RF switches located at the antenna. It resides between the L-Band modems and the outdoor Block Up Converters (BUCs) and Low Noise Block Down converters (LNBs).

Previously, the LCS-4 was available in a C-Band model, the LCS-4C. Rounding out the product line is the new model LCS-4K, which simplifies ordering for use in Ku-Band configurations. From a feature/functionality standpoint, the new Ku-Band model provides the same robust capabilities as the LCS-4C, including:

- 4-way L-Band combining for modulators
- 4-way L-Band splitting for demodulators
- L-Band Interface to ODU/BUC and LNB
- 1:1 controller for BUC redundancy
- 1:1 controller for LNB redundancy
- Hot swap power supplies replaceable from the front
- Options for redundant BUC power supplies
- 24 VDC at 100 W
- 48 VDC at 180 W
- BUC PS supports up to 10 W C-Band and 8 W Ku-Band
- High stability internal 0.02 ppm 10 MHz reference

For more detail on features, configurations and options, please refer to the LCS-4 datasheet and/or the Installation and Operation Manual.

If you have any questions about this new release, please contact your Comtech EF Data sales associate.

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