

High Performance 2.4 GHz RF Transceiver

AeroComm, Inc. announces its most powerful ConnexRF[®] transceiver, the PKLR 200mW. The new module is a cost-effective, high-performance transceiver specifically designed for easy integration into industrial systems. Helping to speed an OEM's time to market, each PKLR transceiver is completely assembled and agency approved. An OEM simply connects to the device using an industry-standard RS-232 or TTL level serial interface. Because it employs advanced frequency hopping spread spectrum (FHSS) technology, it provides highly interference-resistant communication even in RF-hostile environments. And its higher output power enables reliable wireless transmissions within very large facilities and outdoor industrial environments. To facilitate simple integration, particularly into mobile systems, the module is small (1.65" x 2.65 inches) and consumes very low power for its category. Despite the small size, it contains powerful software for implementing a variety of network configurations (point-to-point, point-to-multipoint, multiple collocated non-interfering networks, etc.). Additionally, data-integrity software enhances system reliability by including a special guaranteed delivery mode that confirms receipt or retransmits until the message gets through.

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