

Integrated Receiver Modules Use Low-cost Materials and Automated Processes

MMIC Solutions Ltd. announces the first shipment of its MSx600 range of integrated receiver modules. MMIC Solutions designs and manufactures small, low cost millimeter wave radio products for high capacity communications, security and defense applications. The company's advanced technology allows these products to be manufactured using low-cost circuit board materials and automated processes. This achieves substantial savings in cost, size and weight when compared to the more common milled-metal approach. The MSx600 series supports 1 Gbit/sec full duplex within the 57 to 64 GHz band. The raw bandwidth available at millimeter wave frequencies enables true gigabit per second capacity, full duplex, digital, RF connectivity. These systems are well suited for rapid extension of gigabit Ethernet networks across campuses or in dense urban environments. They are a true alternative to fiber without the large costs and disruption associated with hanging or laying fiber or cabling.

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