

Maintain Deployment Schedules

Public safety distributed antenna systems (DAS) provide high-quality radio coverage for first responders and are relied upon for stable communications during emergency events inside of buildings. A leading component and integrated solutions partner, Microlab strengthens the readiness of public safety DAS and wide-area, land mobile radio (LMR) dispatch networks with innovative solutions like the System Monitor Alarm Report Technology (SMART) Passives System. The SMART Passives System enables real-time monitoring of DAS cabling, RF components, and antennas. Microlab's broad range of high-performance RF components joins the SMART Passives System to provide a comprehensive product portfolio that delivers dependable life-safety communications, all while helping RF engineers and technicians maintain stringent deployment schedules with readily available components.

Insufficient component availability can wreak havoc on strict site deadlines for site development, causing major deployment and commission delays that not only increase time-to-market, but also increase costs. Sites can smoothly execute quick deployment times with robust solutions that come directly from the manufacturer or through a broad distribution network. Facilitating orders with minimal lead time through its multi-tiered manufacturing and distribution strategy, many products within Microlab's wide-ranging and cost-effective portfolio are assembled at its manufacturing facility in Parsippany, NJ. The most popular products are available from its in-house stock, which are ready to ship within 3-5 days. Offering guaranteed specifications and accurate design, other Microlab products assembled overseas are held in vast inventory both in NJ and in a nationwide stocking distribution network for short-term availability. Through its local headquarters and large distribution network carrying a sizeable inventory, Microlab's component availability serves the quick deployment needs of every customer.

Since every public safety DAS can present unique challenges, Microlab provides various customization options to suit a broad range of customer-driven requirements for every budget, supported by best-in-class application engineering consultation. Back by 70 years of experience delivering mission-critical communications solutions, Microlab's design consultation provides bill of materials (BOM) review and recommendations to optimize link budgets, lead times, RF connectors, and future proofing for new licensed, unlicensed, and shared bands. If long lead times are revealed during BOM design consultation, alternate components with shorter lead times and comparable performance will be recommended to maintain site deployment schedules. Microlab's industry-leading public safety DAS expertise and accelerated procurement time of swap components also lead to the rapid resolution of any passive component issue at existing sites.

The importance of swiftly deployed and reliable public safety DAS cannot be overlooked, and Microlab is here to provide the necessary support to ensure the success of each site deployment. To learn more about Microlab's innovative solutions and browse through its broad portfolio of readily available public safety DAS and wide-area, LMR dispatch network products, visit <https://microlabtech.com/lmr-public-safety>.