

## State: Minnesota



Terrestrial Microwave antennas for Mobile Network Operator, Utility, Railway, Government and Public Safety applications in a wide range of sizes from 3' through 12' diameter. Single polarity, dual polarity offered in all sizes and frequencies of 5.725-6.875GHz; 5.925-71.25GHz and 10.0-11.7GHz.



Concealed & Standard Telecom Poles, RF Optimized Concealments, shrouds, pole topper & mounts for 4G/5G network densification. PIM/Interference mitigation products including PIM optimized hardware/accessories, paint, tape & Test/Measurement tools.



Specialty/Custom antennas, combiners, duplexers, filters for Wireless Network Operators, LMR, Public Safety, Utility, Contractor & Amateur Radio customers.



Fiber solutions including CPRI panels, bulk fiber, connectors, trays, enclosures and custom optical cables for Telecom & FTTH applications. Fiber enclosures, trays, splicers, Test/Measurement tools, cleaning kits & consumable products.



Fiber, power & hybrid cabling for Macro, Small Cell/C-RAN 4G/5G networks. Fronthaul, fiber capacity solutions, passive optical components: multiplexers, couplers, splitters, switches, adapters, & attenuators. RF connectors, jumpers, lightning protection, antennas, components, & RF/GPS over Fiber solutions.



4G/5G RF conditioning solutions that include Interference Filters, Combiners (dual band, multi band, same band), Tower Mounted Amplifiers, & AISG/RET Cables. Test/Measurement solutions include portable and bench PIM analyzers, interference hunting solutions and RF cable/antenna analyzers.



4G/5G Multi Beam, RF Lens, Patented Antenna technology that delivers ultra high-performance, ultra high-capacity, high-throughput antenna solutions for indoor and outdoor applications. Ideal for macro sites, overloaded/triggering sites, venues, events stadiums & arenas.

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High-performance, high efficiency, high reliability, feature-rich Macro antennas for 4G/5G mobile network operators & OEMs. Highly engineered multi port/band, wind load optimized macro antenna solutions for standard & unique network deployments.



Microwave and broadband wireless antenna solutions that cover 1.71 GHz-33.4 GHz for Point-to-Point and Point-to-Multipoint applications supporting all unlicensed & licensed band requirements. Antennas include yagis, sectors, parabolics, panels and horns.

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4G and 5G, High-performance Test & Measurement solutions for mobile network Benchmarking, Optimization, Service Quality Monitoring, Interference Hunting, Data Management, and Analysis and Reporting.



Highly secure keyless armored padlocks, puck locks & keyless lock controllers, managed by a cloud-based platform with unlimited scalability. Easy to deploy and use, purpose-built for critical infrastructure access management, tracking and protection.



High performance 5G mmWave and C-Band network signal boosters for outdoor and indoor coverage applications



Telecom Power solutions - AC, DC, and Data Surge/Signal protection, Power protection cabinets, Tower Top OVPs, Load Centers, Disconnects and Telco/NEMA boxes for 4G/5G Small/C-RAN & DAS. EMP/EMI filters, power conditioners, UPS & PDUs.



In Building passive devices including: Attenuators, Crossband Couplers, Directional Couplers, Duplexers, Filters, Hybrid Combiners, Power Dividers, Power Tappers, Adapters and Terminations.