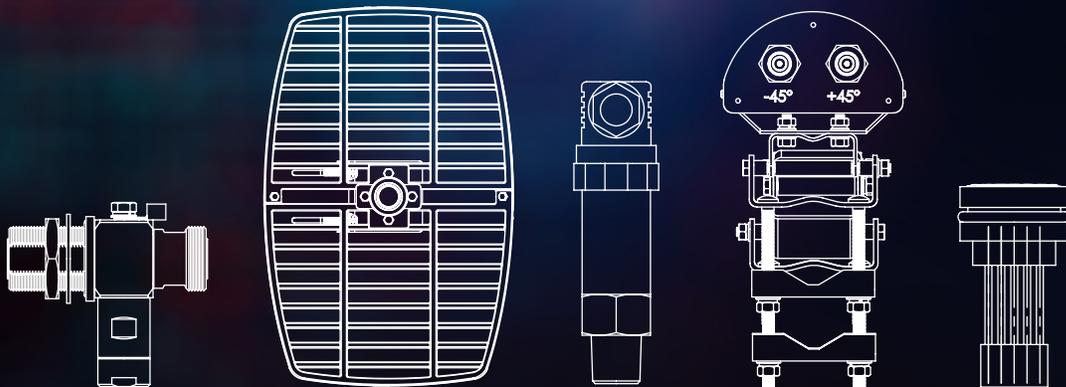


# GLOBAL CONNECTIVITY SOLUTIONS

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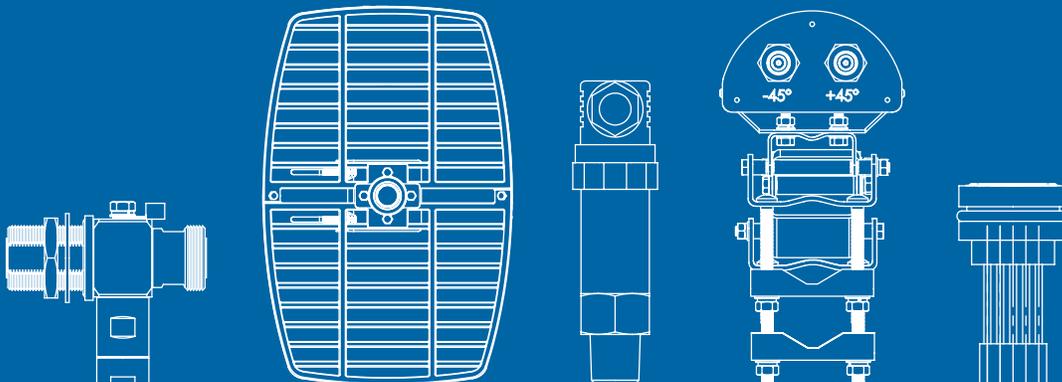
## 2021 WIRELESS & IOT PRODUCTS



PRODUCTS IN-STOCK AND AVAILABLE FOR SAME-DAY SHIPPING

# WIRELESS PRODUCT SOLUTIONS FROM L-COM

L-com carries a diverse portfolio of Wireless and IoT products available in standard and unique configurations; in-stock and available for same-day shipping.



## A GLOBAL LEADER IN CONNECTIVITY SOLUTIONS

L-com is a value-added supplier of quality connectivity solutions to global markets. We provide highly personalized customer service and technical support complemented by a vast product inventory for off-the-shelf availability and a commitment to same-day shipments.

L-com custom solutions are also available within our wired and wireless connectivity product platforms offering short lead times to meet the needs of each customer. Our custom capabilities include fiber optic, coaxial and Ethernet cable assemblies as well as adapters, antennas, weatherproof NEMA enclosures and more.

L-com makes it easy and fast to source the products you need through the L-com website or call us directly. Order today and meet your project needs by tomorrow with a broad array of in-stock products.

- Vast inventory of over 30,000 in-stock catalog products
- Expert technical and application support
- Modifiable, custom-designed or prototype components
- ISO 9001:2015, and GSA Registered
- Award-winning customer service
- Quick response to quotes, designs, prototypes and custom order requests
- Tutorials, product drawings, technical information and more



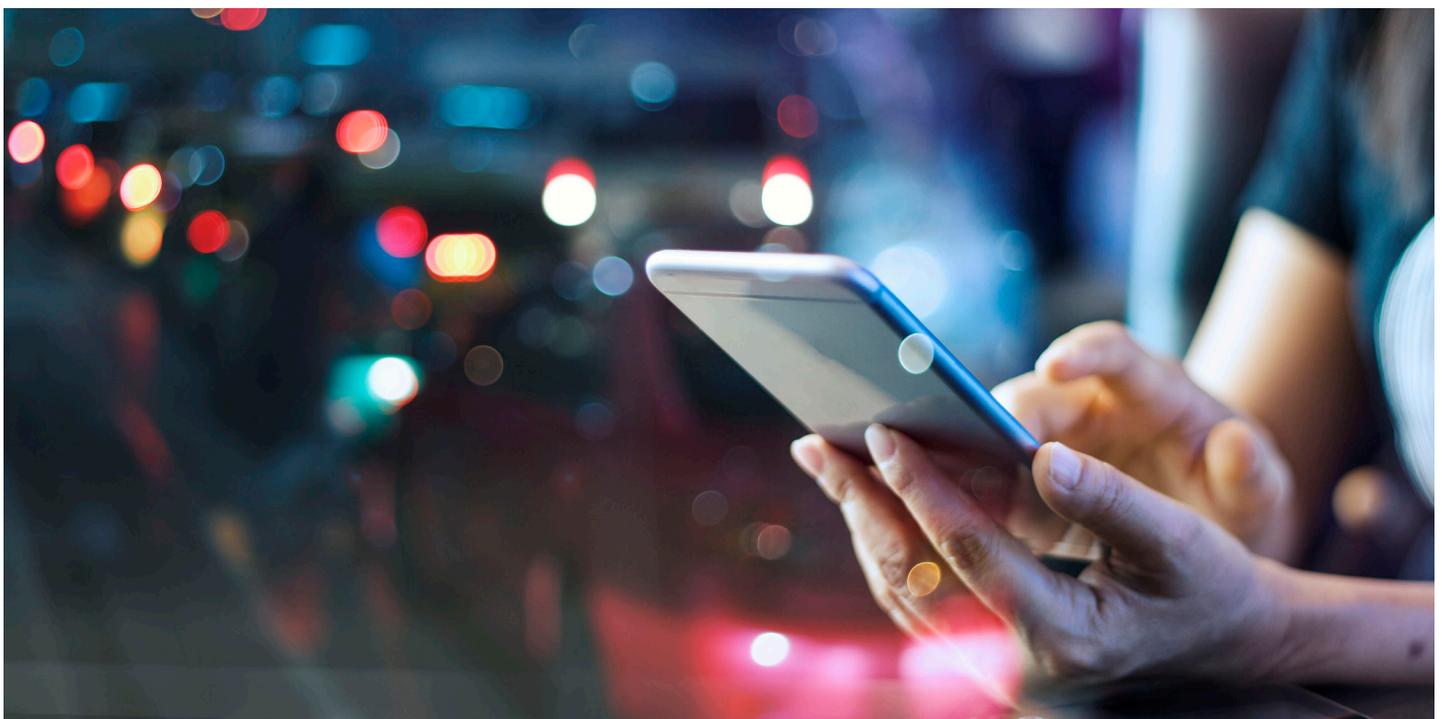
**SAME-DAY  
SHIPPING**



**CUSTOM  
CAPABILITIES**



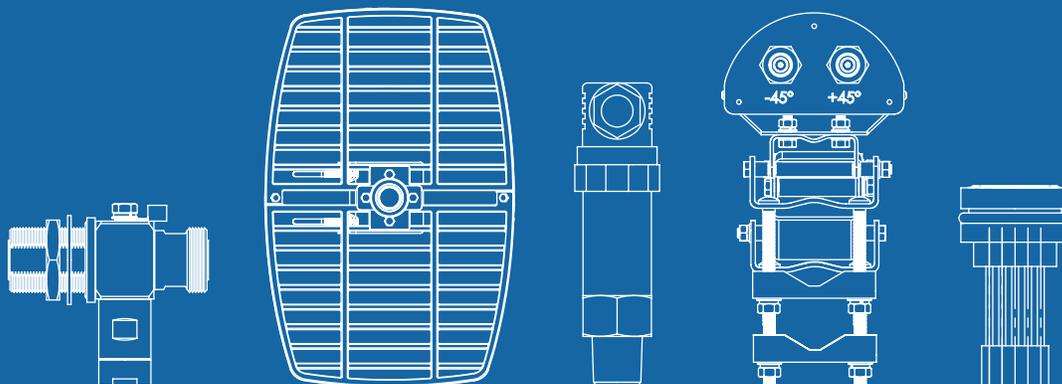
**GLOBAL  
CONNECTIVITY**



# ANTENNAS

Wireless antennas are used in both commercial and military/government applications including small office/home office (SOHO) networks, Enterprise (office) networks, supervisory control and data acquisition (SCADA) networks, homeland security, factory automation, mining, oil processing, wireless cafe “hot spots”, energy management and control, police, fire and emergency services networks, radio frequency identification (RFID) applications and industrial science and medical (ISM) networks.

- Thousands of items in-stock and shipped-same day
- Free technical support
- Value-added services available
- Customization available



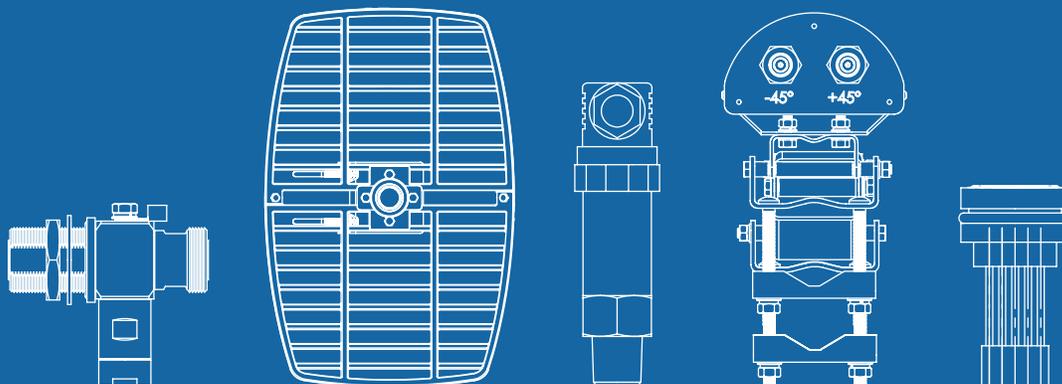
# ANTENNAS

Antenna Type	Connector Options	Horizontal Beamwidth Options	Min Frequency (MHz)	Max Frequency (MHz)	Min Gain	Max Gain	Applications
<a href="#">Rubber Duck</a>	 RP-SMA, SMA, RP-TNC, TNC, N, MMCX	360°	615	7250	0	9	Internet of Things, RFID, mobile networks, WLAN
<a href="#">Omnidirectional</a>	 MMCX, N, NMO, BNC, TNC, RP-SMA, RP-TNC,	360°	400	5800	0	15	Telecommunications, remote sensing, LoRA, WLAN, RFID, Internet of Things, point-to-multipoint (PtMP)
<a href="#">Antenna Array</a>	 N	120°, 360°	2400	2500	14	20	Telecommunications, mobile wireless
<a href="#">Indoor / DAS</a>	 RP-SMA, SMA, RP-TNC, TNC, N	9°, 15°, 18°, 60°, 90°, 360°	300	6000	2	6	Large venue cellular networks, convention centers, hospitals and medical campuses, educational and business campuses, stadiums, airports, mining, manufacturing (Industry 4.0)
<a href="#">Marine</a>	 RP-SMA	360°	2400	2500	8.5	8.5	Boating and dockside communications
<a href="#">Mobile / Vehicle Mount</a>	 N, NMO, RP-SMA, RP-TNC, SMA, TNC	360°	108	5800	2	8	Public Safety, transit/smart cities, fleet tracking, smart agriculture vehicle tracking, portable wireless devices
<a href="#">Yagi</a>	 RP-SMA, SMA, RP-TNC, TNC, N	43°, 50°, 60°, 70°	400	5800	3	14	Point-to-point communications, communications backhaul
<a href="#">Grid</a>	 N	5°, 12°, 18°	824	5800	15	30	Economical point-to-point communications, communications backhaul
<a href="#">Sector</a>	 N	65°, 90°, 120°, 180°	698	5800	9	17	Telecommunications, point-to-multipoint (PtMP), outdoor wireless coverage
<a href="#">Flat Panel</a>	 RP-SMA, SMA, RP-TNC, TNC, N	70°, 60°, 40°, 30°, 22°	824	5800	9	18	Point-to-point communications, RFID, distributed antenna systems (DAS), SCADA/remote sensing
<a href="#">Parabolic Dish</a>	 N	5°, 6°, 9°, 18°, 25°	2400	5800	14	34	Point-to-point communications, communications backhaul
<a href="#">Embedded PCB</a>	 U.FL, IPX	360°	698	5800	0	5	Device manufacturing, hidden/integrated antenna systems, Internet of Things, retail
<a href="#">Log Periodic</a>	 N	45°, 60°	698	5800	8	10	Point-to-point communications, wideband communications backhaul
<a href="#">GPS / GNSS</a>	 Fakra, SMA, U.FL, IPX, NMO, TNC	360°	1574	1610	2	32 (with LNA)	Geolocation, timing synchronisation for critical systems (i.e. telecommunications, banking, positive train control, etc.)

# INTERNET OF THINGS (IOT)

To support Internet of Things (IoT) applications, L-com offers a selection of pressure sensors, pressure transmitters, differential pressure sensors, and level transmitters that can be used in several industries, including Utilities, Oil & Gas, Manufacturing, Mining, Water & Wastewater, Factory Automation, Agriculture, and more. These IoT sensors provide years of trouble-free operation and offer excellent range, accuracy, and the ability to operate in harsh environments.

- Constant current / Constant Voltage power supply
- Isolated construction, enable to measure various liquids and gases
- Full stainless steel
- Items in-stock and shipped-same day



# INTERNET OF THINGS (IOT)



**Pressure Sensors - PS8808 Series** The PS8808 Digital Output Pressure Transducer product family consists of piezo-resistive pressure sensors with 316L stainless steel corrugated diaphragm and isolated oil-filling construction. The pressure is transformed to an analog electrical signal. With an integrated circuit for temperature compensation and nonlinear correction, it provides output data conforming to I<sup>2</sup>C interface protocol. The PS8808 is well suited for numerous applications, including gas and liquid pressure measurements for industrial process control, cooling, and air conditioning systems, as well as aviation and navigation systems.

- Ranges start as small as 0 to 10kPa and as large as 0 to 3.5MPa, based on part numbers
- Isolated construction, enable to measure various liquids and gases
- Full stainless steel 316L
- Long-term stability  $\pm 0.3\%$ FS/year



**Pressure Transmitter - PT989 Series** The PT989 product family consists of highly stable and reliable pressure transmitters with span and zero correction. PT989 pressure transmitter comes in a compact size and is lightweight and stable. The PT989 is well suited for numerous applications in metallurgy, mining, chemicals, water supply, and waste management.

- Ranges starts as small as 0 to 5psi and as large as 0 to 5000psi, based on part numbers
- Isolated construction, enable to measure various liquids and gases
- Full stainless steel 316L
- Long-term stability  $\pm 0.3\%$ FS/year



**Level Transmitter - LT989W Series** The LT989W product family consists of highly stable, reliable, and fully sealed submersible level transmitters. The LT989W level transmitter comes in a compact size and is lightweight and stable. The LT989W is well suited for numerous applications in metallurgy, mining, chemicals, water supply, and waste management.

- Level ranges as small as 0 to 5m and as large as 0 to 100m, based on part numbers
- Sensor housing IP68
- Isolated construction, enable to measure various media
- Stainless steel
- Long-term stability  $\pm 20\text{mmH}_2\text{O}$ /year



**Pressure Sensors - PS781 Series** The PS781 product family consists of highly stable piezo-resistive pressure sensors with wide temperature compensation and zero correction. The measured pressure is transmitted onto the silicon die through the 316L diaphragm and inner media. This transforms the measured pressure into an electrical signal. The PS781 is well suited for numerous applications, including gas and liquid pressure measurements for industrial process controls, cooling, and air condition systems, as well as aviation and navigation systems.

- Ranges start as small as 0 to 7kPa and as large as 0 to 70MPa, based on part numbers
- Constant current / Constant Voltage power supply
- Isolated construction, enable to measure various liquids and gases
- $\Phi 19\text{mm}$  standard OEM pressure sensor
- Full stainless steel 316L
- Wide temperature compensation
- Long-term stability  $\pm 0.1\%$ FS/year

# INTERNET OF THINGS (IOT)



**Pressure Sensor - [PS783 Series](#)** The PS783 product family consists of highly stable piezo-resistive pressure sensors with wide temperature compensation and zero correction. The PS783 is well suited for numerous applications, including gas and liquid pressure measurements for industrial process controls, cooling, and air condition systems, as well as aviation and navigation systems.

- Ranges start as small as 0 to 200kPa and as large as 0 to 70MPa, based on part numbers
- Isolated construction, enable to measure various liquids and gases
- With cap  $\Phi$ 16.8mm standard OEM pressure sensor
- Full stainless steel 316L
- Wide temperature compensation
- Long-term stability  $\pm$ 0.1%FS/year



**Differential Pressure Sensor - [PD790 Series](#)** The PD790 product family consists of highly stable and reliable piezo-resistive pressure sensors with wide temperature compensation and zero correction. The measured differential pressure is transmitted onto the silicon die through the 316L diaphragm and inner media. This transforms the measured pressure into an electrical signal. The PD790 is well suited for numerous applications, including gas and liquid pressure measurements for industrial process controls and venture and eddy-current flow meters.

- Differential pressure sensor with ranges as small as 0 to 35kPa and as large as 0 to 3.5MPa, based on part numbers
- Isolated construction, enable to measure various liquids and gases
- $\Phi$ 19mm standard OEM pressure sensor
- Full stainless steel 316L
- Long-term stability  $\pm$ 0.3%FS/year



**Pressure Transmitter - [PT9503 Series](#)** The PT9503 product family consists of highly stable and reliable pressure transmitters with span and zero correction. With linear correction and temperature compensation, it can effectively resist the water hammer effect, solve the problem of momentary overload pressure, and could meet different needs for pressure measurements and control in various environmental conditions. The PT9503 is well suited for numerous applications in smart agriculture, firefighting, irrigation, water supply, and waste management.

- Pressure ranges as large as 0 to 2MPa, based on part numbers
- Micro-fused technology, dry-type structure
- Water hammer preventing and cracking resistant
- Temperature compensation and linear correction





## CUSTOM ENGINEERED CONNECTIVITY SOLUTIONS

### SOLVE YOUR UNIQUE DESIGN CHALLENGES WITH L-COM

L-com offers customized solutions across our wired and wireless product lines with short lead times and either no or low minimum order quantities to meet your project requirements.

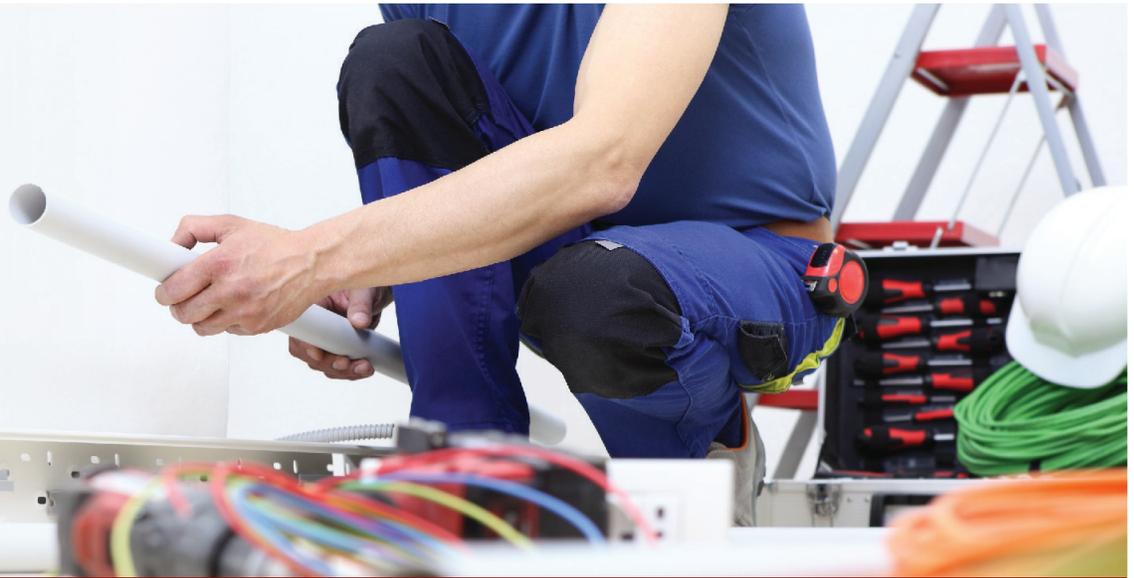
Custom product capabilities include fiber, coax, and Ethernet cable assemblies as well as custom adapters, antennas, weatherproof NEMA enclosures, and more. L-com's comprehensive custom services include:

- CAD design and 3D modeling
- Free technical support and application assistance
- Field application support
- Quick access to datasheets, 2D drawings, 3D models, technical information, and resources
- Fast response to quotes, designs, prototypes, and manufacturing requests
- Custom orders are spec controlled and proprietary to the customer to protect your application



Contact us today at **+1 (800) 341-5266** or [sales@l-com.com](mailto:sales@l-com.com) with your custom product requirements, or visit us at [l-com.com/about-us/custom-product-capabilities](https://l-com.com/about-us/custom-product-capabilities)

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an INFINIT<sup>®</sup> brand



[L-com.com/about-us/installation-services](https://L-com.com/about-us/installation-services)

L-com now provides commercial voice/data cabling, and IT/AV installation services anywhere in the US and Canada through our partnership with INC Installs.

INC Installs (INC) specializes in structured cabling as well as IT/AV installation services. INC's national network of contractors provides scale and the ability to perform IT projects anywhere in the US or Canada. Through a single point of contact INC facilitates a full range of IT, AV, voice, video, data and fiber network installation services. INC's proven project management process and nationwide coverage ensures smooth technology rollouts and wiring projects no matter the location.

From start to finish, INC can help you plan your rollout, develop statements of work, procure the right supplies, pre-configure equipment, deliver them to the site and execute the plan while keeping you informed throughout the entire process. By working with INC, it enables you to focus on your company's core mission, not manage installation projects.

## INC Installs Services

- Audio Video Installation
- Cable Supplies and Distribution
- Demarc Extension
- Fiber Optic Cabling
- IT Equipment Installation
- Kitting Services
- National Rollout
- Network Wiring Testing
- Phased Rollouts
- Professional Wireless Network Installation
- Single-Day Multi-City Installations
- Site Surveys
- Staging and Logistics
- Structured Cabling Installation

# PRODUCT SOLUTIONS FOR EVERY NEED, WHEN YOU NEED THEM

In addition to offering the industry's largest selection of wired products and cable assemblies, L-com has a wide variety of other parts, **in-stock and ready to ship today, find them at L-com.com!**

- Antennas
- IoT/Wireless Components
- RF Filters/Splitters
- Weatherproof Enclosures
- Lightning Protectors
- PoE Products
- Telecom/Modular
- Patch Panels, Racks
- Ethernet Converters
- Ethernet Switches



## MARKETS WE SERVE



DEFENSE / AEROSPACE



GOVERNMENT



CONSUMER / ELECTRONICS



EDUCATION



INDUSTRIAL



TELECOMMUNICATIONS



INSTRUMENTATION



MEDICAL



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ELECTRONICS, INC.

About Infinite Electronics

Infinite Electronics is a leading global supplier of electronic components serving the urgent needs of engineers through a family of highly recognized and trusted brands. Our portfolio of brands, including Pasternack, Fairview Microwave, L-com, MilesTek, ShowMe Cables, NavePoint, INC Installs, Integra Optics, PolyPhaser, Transtector, KP Performance Antennas, RadioWaves, and Aiconics are technology specialists that provide broad inventories offering engineering-grade products, expert technical support, and same-day shipping.

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