NEXTIVITY and LEVITON
Technology Enabling Wireless Networks

DELIVERING CELLULAR CONNECTIVITY OVER QUALITY INFRASTRUCTURE FOR ENTERPRISE CUSTOMERS

In 2023, Leviton and Nextivity announced a marketing relationship to deliver cellular connectivity over quality infrastructure for enterprise customers. The cooperative agreement between the two global organizations leverages the strengths and experience of each company to bring off-air cellular DAS solutions indoors over the world-class infrastructure Leviton is known for providing. The alliance is timely as RF frequencies increase for applications such as 5G, where quality infrastructure is of the utmost importance. Similarly, quality infrastructure matters for critical communications in health care and data center applications. With built-in quality materials and certified installation partners, all end users are ensured a reliable, quickly deployed solution with no carrier changes.

Leviton Connectivity
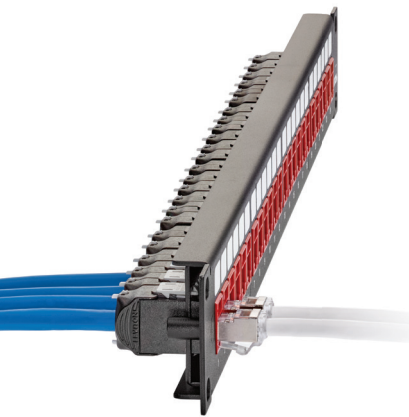
ATLAS-X1™ SST MILLENNIUM™ Global System

The ATLAS-X1 SST MILLENNIUM Cat 6A system delivers the highest level of verified performance and reliability, offers tool-free termination for simplified installations, and is easily scalable for migrations up to 10GBASE-T. The ATLAS-X1 jack and SST cables are ideal for deployment in all types of mission-critical environments, including those with the highest fire rating demands, and exceed Power over Ethernet (PoE) standards up to 100 watts.

ATLAS-X1 is the only category-rated metal-bodied UTP jack that delivers the highest performance and reliability in a scalable, unified form factor and termination method.

Leviton SST UTP cable features a specially designed isolation wrap construction to provide superior heat management and noise-reducing performance, preventing electrical energy from transferring between cables while eliminating the need for grounding.

Nextivity Product Overview

CEL-FI QUATRA

As the market's first neutral host Active DAS Hybrid cellular coverage solution with the convergence of private networking, CEL-FI QUATRA combines the industry-leading cellular coverage that Nextivity systems are known for with CBRS private networking capabilities.

QUATRA 4000c Network Unit (NU)

As the hub of the system, the Network Unit (NU) features four donor ports: three operator-specific ports (AT&T, Verizon, and T-Mobile) and one for a private networking signal source. Each NU can support up to six Coverage Units via PoE to deliver reliable public and private cellular coverage inside enterprise buildings.

QUATRA 4000c Coverage Unit (CU)

The Coverage Unit (CU) is the remote unit that rebroadcasts the donor signal. The system's category cable, PoE architecture allows installers to easily scale QUATRA 4000c solutions and use up to six CUs per NU.

SMART SERVER ANTENNA

The Nextivity SMART SERVER ANTENNA is a low-profile omnidirectional antenna that provides 360-degree coverage and active monitoring capabilities at the component level. Compatible with Nextivity cellular coverage and public safety communication solutions, the Smart Server Antenna provides businesses and building owners with real-time data on coverage, network, and antenna performance via the Nextivity WAVE Portal.

QUATRA 4000c Fiber Hub

The QUATRA 4000c Fiber Hub expands the NU capacity, enabling a single NU to support an additional six CUs (12 total). The Fiber Hub can be installed 2.0 km (1.24 M) from the NU to cover large spaces while maintaining the same signal quality throughout the system.

Nextivity and Leviton: Connections

5G Indoor Small Cell/DAS Deployment Scenarios

- - - - SST Cat 6A Cable
5G Antenna/Node or Small Cell

(Twisted Pair Copper, bandwidth and PoE, RAU)
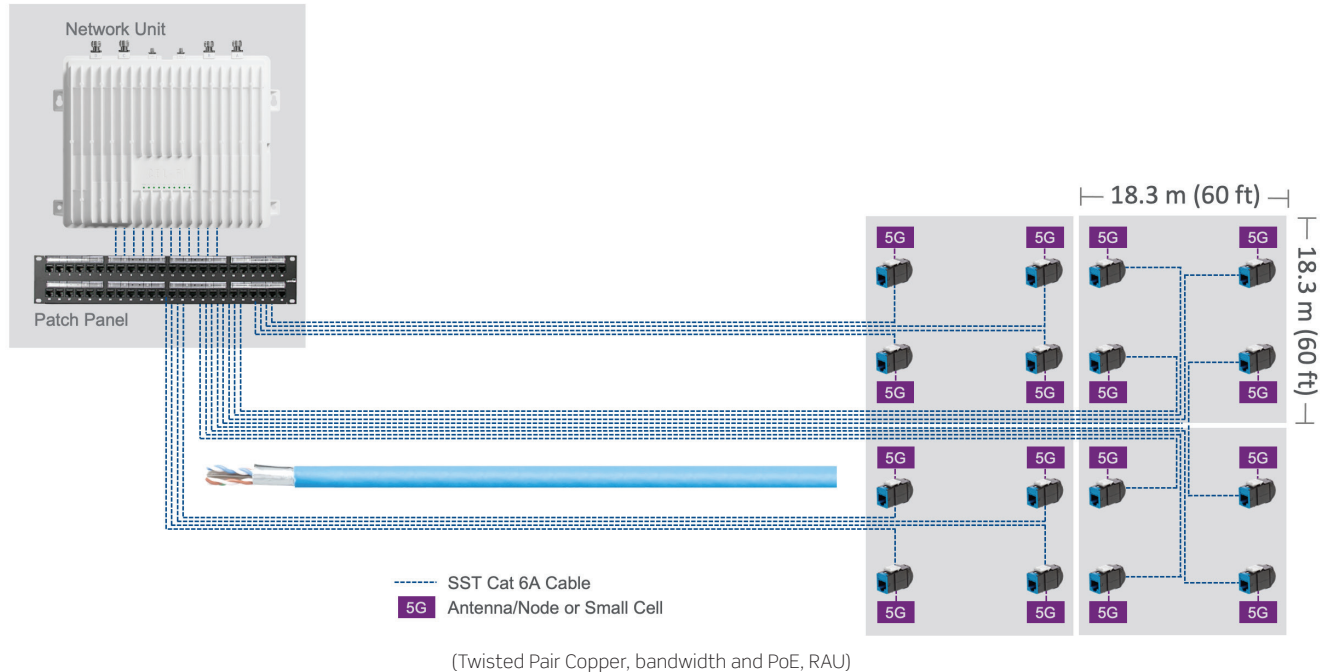
Leviton Application Assurance

Nextivity and Leviton customers must utilize certain high-performance products from Leviton in channel configurations that can exceed the standards based 100m channel distance. These extended distance links are based on extensive testing of the products in Leviton's lab using a range of supplied switches. Testing demonstrates the potential to support Nextivity links up to 150m in the field when installed per applicable standards and Leviton guidelines. Leviton's special 25-year application assurance warranty will cover extended distance as per configurations outlined in the ATLAS-X1™ SST System Data Sheet in Permanent Link (PL), Modular Plug Terminated Link (MPTL), or Channel (CH). Throughout all segments, temperature of indoor cables does not exceed 40 degrees Celsius, and the temperature of outdoor cable does not exceed 60 degrees Celsius. Leviton application assurance terms and conditions apply. Contact appeng@leviton.com for more information.

NEXTIVITY

LEVITON®

Today's networks must be fast and reliable, with the flexibility to handle ever-increasing data demands. Leviton can help expand your network possibilities and prepare you for the future. Our end-to-end cabling systems feature robust construction that reduces downtime, and performance that exceeds standards. We offer quick-ship make-to-order solutions from our US and UK factories. We even invent new products for customers when the product they need is not available. All of this adds up to the **highest return** on **infrastructure investment**.

USA — NETWORK SOLUTIONS HEADQUARTERS

2222 - 222nd Street S.E., Bothell, WA, 98021, USA
+1 (800) 722 2082 | infoUSA@leviton.com | Leviton.com/NS

Customer Service
+1 (800) 722 2082
insidesales@leviton.com

International Customer Service
+1 (800) 722 2082 (Option 1)
intl@leviton.com

Leviton Cable
(formerly Berk-Tek)
+1 (800) 237 5835
infoUSA@leviton.com

Technical Support
+1 (800) 722 2082
appeng@leviton.com

APAC

+85 (2) 3620 2602 | infoAPAC@leviton.com | Leviton.com/NS

Customer Service
+1 (631) 812 6228
infoASEAN@leviton.com

China
+85 (2) 2774 9876
infoChina@leviton.com

South Korea
+82 (2) 3273 9963
infoKorea@leviton.com

CANADA

+1 (800) 461 2002 | infoCanada@leviton.com | Leviton.com/NS

Customer Service
+1 (514) 954 1840
pcservice@leviton.com

Network Solutions products are **available worldwide** in **over 100 countries**. Visit us online at leviton.com/ns to learn more.

EUROPE

Viewfield Industrial Estate, Glenrothes, KY6 2RS, UK
+44 (0) 1592 772124 | infoEurope@leviton.com | Leviton.com/NS/EMEA

Customer Service
+44 (0) 1592 772124
customerserviceEU@leviton.com

Technical Support
+44 (0) 1592 778494
appeng.EU@leviton.com

Benelux
+44 (0) 1592 772124
infoBenelux@leviton.com

Nordics
+46 (70) 9675033
infoNordics@leviton.com

Central & Eastern Europe (CEE)
+44 (0) 1592 772124
infoCEE@leviton.com

Portugal
+351 (21) 421 4133
infoPortugal@leviton.com

DACH
+49 (0) 173 272 0128
infoDACH@leviton.com

Spain
+34 (91) 490 59 19
infoSpain@leviton.com

France
+33 (0) 1709 87826
infoFrance@leviton.com

UK & Ireland
+44 (0) 1592 772124
infoUK@leviton.com

Italy
+39 (02) 3534896 (Milan)
+39 (06) 68584613 (Rome)
infoitaly@leviton.com

LATAM

infoLATAM@leviton.com | Leviton.com/NS

Customer Service
+52 (55) 2333 5963
infoLATAM@leviton.com

Caribbean
+1 (954) 593 1896
infoCaribbean@leviton.com

Mexico
+52 (55) 2128 6286
lsamarketing@leviton.com

Colombia
+57 (1) 743 6045
infoColombia@leviton.com

MIDDLE EAST & AFRICA

Bay Square, Building 3, Office 205, Business Bay, Dubai, UAE
+971 (4) 247 9800 | infoMEA@leviton.com | Leviton.com/NS

Customer Service
+971 (4) 247 9800
lmeinfo@leviton.com