

September 6, 2016

CommScope Makes Fiber Optic History at Golden 1 Center

—*Sacramento Kings' New Tech-Smart Arena Is World's First Installation of Wideband Multimode Fiber*—

HICKORY, N.C.--(BUSINESS WIRE)-- [Golden 1 Center](#), future home of the Sacramento Kings franchise of the National Basketball Association, promises to be one of the most technologically advanced arenas in the world. It is already setting records as the world's first installation of [wideband multimode fiber](#) (WBMMF), a capacity-boosting network technology supplied by [CommScope](#).

This Smart News Release features multimedia. View the full release here:

<http://www.businesswire.com/news/home/20160906005234/en/>



CommScope's [LazrSPEED® 550 WideBand Multimode Fiber](#) forms the cabling backbone in the arena's data center and, along with other equipment, will support all wired and wireless communications within the stadium.

"Golden 1 Center will be the smartest and most connected venue in the world, providing a seamless and intuitive experience for our fans and attendees," said Sacramento Kings Chief Technology Officer, Ryan Montoya. "We believe connectivity is critical to the venue experience of the future, and CommScope's network technology was the best choice to make that a reality."

[See video of CommScope's John Schmidt, vice president, Global Data Centers Solutions, congratulating the Sacramento Kings](#)

Golden 1 Center, future home of the Sacramento Kings, promises to be one of the most technologically advanced arenas in the world. It is already setting records as the world's first installation of wideband multimode fiber, a capacity-boosting network technology supplied by CommScope. (Photo: Business Wire)

number of fibers needed and an increase in total channel capacity. WBMMF optimally supports the use of multiple wavelengths, reducing parallel fiber counts by at least a factor of four. For example, it supports two-fiber Ethernet at 40 Gigabits per second (Gbps), 100 Gbps, and in the future, 200 Gbps.

WBMMF fiber was recently standardized by the [Telecommunications Industry Association](#) in a specification known as TIA-492AAAE, and is also approved for use in cabling by the emerging revision of the North American structured cabling standard known as ANSI/TIA-568.3-D. In addition, CommScope recently received [third-party certification](#) of its measurement bench used to determine bandwidth compliance of LazrSPEED 550 WideBand fiber over the full target wavelength spectrum.

CommScope is the only supplier of WBMMF for Golden 1 Center. In addition to WBMMF, CommScope also supplied other important elements of the communication infrastructure network including:

- | over 900 miles of TeraSPEED® ZWP single-mode fiber and SYSTIMAX® GigaSPEED® X10D copper cabling, supporting more than 3,000 outlets
- | iPatch® panels for future imVision® automated infrastructure management deployment

Wideband multimode fiber is a technological advancement of signal transmission capacity in fiber optic cables, which, in combination with [wavelength division multiplexing](#), allows for a reduction in the

With CommScope's comprehensive fiber and copper connectivity solutions, Golden 1 Center is ready to support massive fan traffic when the arena opens in October, and future-proofed to support future technology evolution.

"CommScope is heavily involved in fiber optic standards development, helping drive advancements like wideband multimode fiber from conception to implementation," said David Redfern, senior vice president, CommScope Connectivity Solutions. "We congratulate the Sacramento Kings on this first deployment of wideband multimode fiber and expect it to be the networking foundation for an exceptional fan experience for years to come."

Related Video:

[World's First Installation of Wideband Multimode Fiber](#)

Related Blog Posts:

[Good News for WBMMF](#)

[The Widening Horizon for Multimode Fiber in Buildings and Data Centers](#)

[How Multiplexing Techniques Enable Higher Speeds on Fiber Optic Cabling](#)

[Next Generation Multimode Fiber Gains Support](#)

[The Arrival of Wide Band Multimode Fiber](#)

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About CommScope:

[CommScope](#) (NASDAQ: COMM) helps companies around the world design, build and manage their wired and wireless networks. Our vast portfolio of network infrastructure includes some of the world's most robust and innovative wireless and fiber optic solutions. Our talented and experienced global team is driven to help customers increase bandwidth; maximize existing capacity; improve network performance and availability; increase energy efficiency; and simplify technology migration. You will find our solutions in the largest buildings, venues and outdoor spaces; in data centers and buildings of all shapes, sizes and complexity; at wireless cell sites; in telecom central offices and cable headends; in FTTx deployments; and in airports, trains, and tunnels. Vital networks around the world run on CommScope solutions.

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