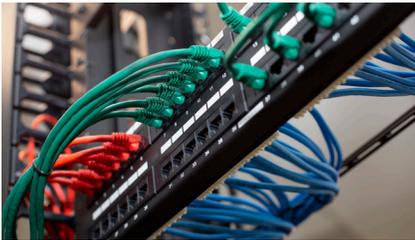# WIREPATH

Wirepath Simplifies Integration with TIA Color-Compliance

The Telecommunications Industry Association (TIA) provides dealers with color standards in order to maintain a uniform method of installation, allowing multiple integrators to work a job with accuracy, safety, and efficiency. These guidelines are designed to benefit both dealers and their customers in the long-term health of the business and the install.

TIA is a Standards Developing Organization that clarifies telecommunications procedures in order to protect public interest. Standards and Publications are adopted by TIA in accordance with the American National Standards Institute (ANSI) patent policy. Goals of TIA include improving technology and enhancing compatibility, simplifying the buying process to ensure proper purchase, and to remove confusion from integration through installation standards.

With TIA's guidelines in mind, Wirepath now offers a full line of color-compliant products, including:

Patch cables that feature snagless boots to prevent tangles when pulling through openings, RJ45 clip locks to prevent accidental disconnects, and bandwidth up to 10Gbps.

Keystones that are easy to punch down and have 568 A/B functionality, so no matter which way you punch them, you'll get a secure connection.

Bulk wire that handles speeds of up to 10Gbps and comes in an extremely durable box – with reinforced handles and REELEX II technology to prevent tangles, all in a water-resistant design.

Enhanced Efficiency

Dealers save time by using TIA's uniform methods. For example, by using Wirepath color-coded patch cables, installers can easily wire up patch panels with precision. And as various integrators contribute to different parts of the infrastructure, they can continue the job with ease, consistently meeting project deadlines while building a well-performing, faultless system.

Reduced Labor Costs

By building a fully color-compliant system with Wirepath, integrators can easily adhere to TIA standards and cut back on overtime and unnecessary work, which benefits dealers and customers alike, keeping operating costs low while delivering on the price expectations.

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Improved Planning and Collaboration

With Wirepath patch cables, keystones, and bulk wire, dealers can take advantage of a preestablished system of design, allowing the job to start quicker with less time spent on planning. This also improves operations with other contractors on the job site.

Increased Customer Satisfaction

Wirepath's color-compliant products allow your team to work efficiently, which saves your customers money in unexpected labor costs. By pairing color-compliant bulk wire with keystones and patch cables, integrators can easily discern design methods during installation, expansion, and maintenance. This creates an optimal customer experience, which creates more business for dealers.

Longer Lasting Systems

Using Wirepath's color-compliant products allows you to build a properly designed system that increases product life, which lends itself to long-term customer satisfaction. This is especially important when bidding for jobs and building your business. Wirepath's color-compliant products also allow you to cut back on raw material consumption through efficiency and less waste.

Built for Future Upgrades

By using Wirepath color-compliant products, adopting new technology is straightforward. By leveraging TIA Standards, integrators can easily reverse-engineer a design and safely improve it with accuracy.

Example of Termination Field Color-Coding

Termination Type	Color	Pantone #	Typical Application
Demarcation Point	Orange	150C	central office connection
Network Connection	Green	353C	user side of central office connection
Common Equipment	Purple	264C	connection to PBX, mainframe computer, LAN, multiplexer
Cabling Subsystem 3	White		terminations of building Cabling Subsystem 3 cable connecting MC to ICs
Cabling Subsystem 2	Gray	422C	termination of building Cabling Subsystem 2 cable connecting IC to HCs
Campus Cabling	Brown	465C	termination of campus cable between buildings
Cabling Subsystem 1	Blue	291C	terminations of Cabling Subsystem 1 cable in TSs
Miscellaneous	Yellow	101C	alarms, security, or energy management

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