

K R O N E   A I R Ē S™   T E C H N O L O G Y



NOTHING'S  
BETTER

S m a l l e r .   F a s t e r .   S a f e r™.

| airĒS™ |



Actual cross section photograph  
of single conductor from four-pair cable.

# WHY AIR?

If you think all cabling components are created equal, think again.

AirES™ technology from KRONE® is a revolutionary innovation in structured cabling component design that improves virtually every attribute associated with the structured cabling system. AirES is the first integrated structured cabling technology that improves both physical and mechanical design attributes, while delivering unsurpassed electrical performance. With KRONE's AirES ("Air Enhanced System") technology, air is introduced as an insulating material in our blocks, panels, jacks, patch cords, and most importantly, the cable itself. This ingenious innovation produces profound benefits throughout the system. Using air increases signal strength and transmission speed. Using air as an insulator reduces crosstalk. Using air significantly improves safety. And incorporating air into the design of the insulation means both the conductor and the insulation diameter can be reduced. This in turn maximizes tray, conduit, and duct space. KRONE is your single source for performance-matched components that deliver unmatched throughput, and AirES technology is the shape of things to come.

airES™

# CHANGE IS IN THE AIR.

For years KRONE® has incorporated air – and its performance benefits – into the design of our connectors, termination blocks, and patch panels. Using air as an insulator improves the electrical performance of KRONE components when compared to other manufacturers. Now these same benefits have been incorporated into the most important component of the structured cabling system – the cable itself. AirES cable is the first – and only – cable product that simultaneously increases the signal speed and strength while reducing crosstalk. As if all that weren't enough, AirES cable eliminates the need for bulky fillers and extra bonding that increase weight, reduce flexibility, and take up additional space. Incorporating air as an insulator reduces the diameter of the conductor which in turn reduces the cross-sectional area of the cable by up to 32%! And finally, incorporating air as an insulator means AirES cables use less insulating material. With less material to burn, AirES cable generates less flame, and in turn, less smoke and less toxicity in air-return environments. In fact, AirES cable is available in a limited-combustible CMP-50 version.



For more than 70 years, KRONE has been synonymous with innovation, design, development, and supply of cable and connectivity solutions for public and enterprise networks. Today, KRONE is a total solutions provider, offering a complete line of copper and fiber optic cabling and connectivity systems.

With thousands of employees in 36 business units and eleven manufacturing sites around the world, KRONE has representation in more than 175 countries and is the ideal choice for multinational corporations that wish to operate under a standardized system solution.

KRONE Incorporated is the US (and Canadian) member of The KRONE Group, a worldwide leader in the design and manufacture of complete copper and fiber optic cabling and connectivity solutions. KRONE's products and services are utilized in both public access and enterprise networks for the transmission of data, voice and video.

Today's constantly expanding bandwidth and throughput needs continually challenge the limits of networking technology. KRONE provides innovative, leading-edge products and systems holding more than 3,000 patents as proof of our commitment to innovation and ingenuity. AirEs Technology, The Ultim8 Termination Block, the TrueNet Structured Cabling System and DataThing, the revolutionary Panel-to-Panel Cabling System for modular furniture systems, are just a few of the many examples of ingenious KRONE thinking.

As your single source for copper and fiber optic cable, patch cords, termination blocks, patch panels, connectivity components, cable management, and mounting hardware for every conceivable network type, KRONE can solve all of your network cable and connectivity challenges.



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