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Issue 4, May 2009



Belden Structured Cabling Solutions

Communication is at the forefront of all we do. Selecting and implementing an effective structured cabling system is to choose a solution that will support both the immediate and future needs of the network and its business applications.

With a wide range of signal transmission products that include networking cables, components and connectivity, Belden offers a range of products that are better by design and guaranteed to deliver high quality Installable Performance.

In this newsletter we feature a number of our latest structured cabling products and provide you with a technology update on Belden Bonded Pairs. As always, we welcome your feedback.

Product Update



Angle Flex

Introducing new patch panels that provide better manageability and improved installation flexibility

Belden has introduced a range of new AngleFlex Patch Panels that allow for much more efficient patch panel to switch interconnection than any other patch panel design on the market.

Belden's AngleFlex Patch Panels eliminate complicated patch cord routing and the need for horizontal cable managers, and reduce the need for different patch cord lengths to fully populate an interconnect.

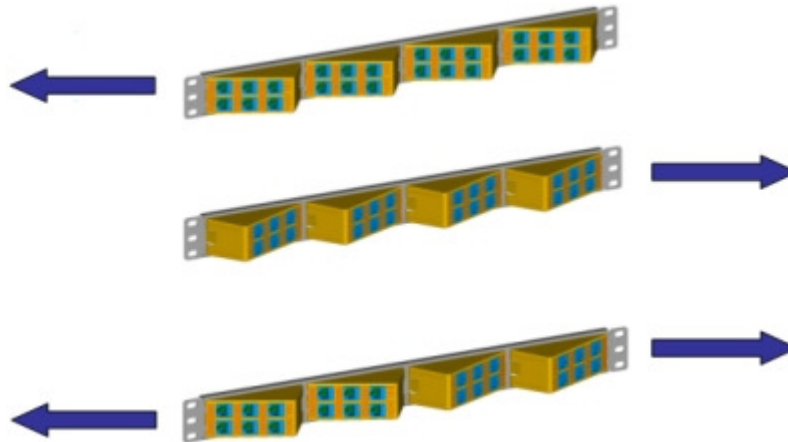
AngleFlex Patch Panels add an extra level of modularity and are available in 24-port/1U and 48-port/2U; have a unique configurable design and are ideally suited for Data Center and Telecommunications Room installations.

These new panels offer efficient patch panel to switch interconnection. This eliminates complicated patch cord routing and reduces patch cord lengths.



Multi – Directional Set up

A unique feature that sets the AngleFlex Patch Panel apart is that each plastic insert is reversible and can be oriented to the left or the right. As such, the patch panel can be configured for left, right or bi-directional patch cord routing.



Reversible inserts for left, right or bi-directional patch cord routing

Termination and Maintenance

Since the inserts are removable, in situations where there is little room in the back of a rack or cabinet, front access termination and maintenance is now possible.

In short, the angled insert orientation of Belden AngleFlex Patch Panels makes patch routing easier, eliminates the need for horizontal cable managers, generates a tremendous gain in density and delivers substantial cost savings.

Further information, including ordering information can be found at:
<http://www.belden.com/pdfs/Prodbull/NP276.pdf>

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Technology Update

Bonded Pairs

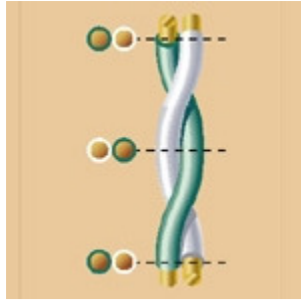
Paired cables allow balanced signal transmission, which results in lower crosstalk through common mode rejection. Due to the improved noise immunity of twisted pairs, they generally permit higher data speeds than multi-conductor cables.

Twisted Pair Cable

Unshielded and Shielded Twisted Pair cables are typically used for data transmission. To help achieve optimum network performance, Belden® has built reliability into each cable it produces. The result is a comprehensive, unfailing line of cables that fulfill the requirements of a specific application and/or the applicable TIA/EIA Category requirement.

Bonded-Pair Cable

Belden's breakthrough Bonded-Pair cables are the result of a patented design that bonds the individual insulated conductors together along their longitudinal axes. This unique physical characteristic results in uniform conductor-to-conductor spacing - a key aspect in consistent electrical performance. Even when a Bonded-Pair cable is subjected to everyday installation stresses such as bending, coiling and pulling, its conductor-to-conductor spacing remains stable.



Bonded-Pair Cable

Installable Performance®

Top performance and reliability demand high quality products, absolute signal integrity and zero system downtime. The real place to measure performance is after the cable has been installed, not when it is still on the reel, or laid gently on a floor. A Category 5e cable that yields 5e performance on the reel, but provides only Category 5 performance after being installed, is of little value. Belden Bonded-Pair cables are designed to withstand the rigors of a typical installation such as pulling, bending, kinking, coiling and crushing without any degradation in performance, thus they are more resistant to the adverse effects of the installation/termination process. So the cable you buy has the same performance you specified – both after the installation and while in use. That's what we call the Installable Performance™.

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2009 BICSI European Conference & Exhibition



Belden will be participating in the BICSI European Conference & Exhibition in Dublin. It will take place 22-24 of June at the Citywest Hotel Conference, Leisure & Golf Resort. Please make sure you visit us at stand 217, where we will showcase our latest products and solutions.

In addition, Belden will be presenting at one of the breakout sessions on Wednesday, June 24, 11:30 a.m. – 12:30 p.m. Paul Kish (Belden, Director, Systems and Standards) will give a presentation entitled "Making an Informed Decision on Network Cabling".

For more information about 2009 BICSI European Conference & Exhibition, visit <http://events.bicsi-europe.org/>



Paul Kish

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Contact Details



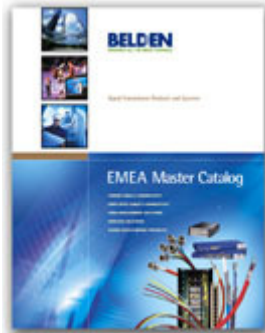
If you would like any further information on any Belden products, please contact our sales team:

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For other Belden EMEA locations and contacts, please visit www.belden-emea.com

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EMEA Catalogue



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