

News Release

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BELDEN® BRILLIANCE® AES/EBU DIGITAL AUDIO CABLES PROVIDE OPTIMAL DIGITAL/ANALOG PERFORMANCE, INSTALLATION EASE

RICHMOND, IN – Belden, a world leader in the development of signal transmission solutions for wired and wireless enterprise networks, as well as broadcast, industrial, residential and building management/security markets, announces the launch of its Brilliance® AES/EBU Digital Audio Cable (Part No. 1353A), a new single-pair cable that combines ruggedness, flexibility and installation efficiency with superior digital and analog sound performance.

Belden Part No. 1353A is ideal for use in permanent installations of balanced-line analog or digital audio. It is an excellent choice for audio cabling used in professional A/V installations, such as recording studios, radio and TV stations, as well as in commercial sound installations, such as auditoriums, stadiums and hotels – and other venues where conventional shielded audio cable would be used. The top-performing Category 5e cable (TIA/EIA-568-B.2) is also well-suited for use in sound equipment for outdoor concerts and other events where the cabling may be subject to harsh environmental conditions and rough handling.

As a bonus, the new single-pair AES/EBU Digital Audio cable can be used successfully in balanced-line analog applications. The cable's inherent low capacitance results in excellent analog audio performance, even over long cable runs. In the presence of unbalanced signals, the addition of a balun will enable the cable to support many coax-based signal types, such as analog audio, S/PDIF digital audio and professional AES3-id digital audio, as well as surveillance cameras.

Designed for ease of installation, the robust 100-ohm UTP Digital Audio Cable features 24 AWG stranded (7x32) bare copper conductors and offers an innovative design that fulfills the marketplace need for an easy-to-install, single-pair AES/EBU audio cable. To prepare the cable for connectorization, one need only split the pair using a splitting tool (Belden Part No. 1797B), thus eliminating previously-required steps and minimizing installation time and labor. For end users, the new AES/EBU Digital Audio Cables provide a cost-effective choice, allowing them to “future-proof” their facilities and ease the eventual transition from analog to digital audio.

Bonded-Pair Design Means Rugged, Reliable Performance

Another important advantage of the Single-pair Digital Audio Cable 1353A is that it offers Belden's patented Bonded-Pair design, which affords the product maximum ruggedness during installation and consistent electrical properties after installation. In addition, the Bonded-Pair technology assures the maximum rejection of noise from other cables at all frequencies from audio to RF.

In Belden's Bonded-Pair cables, the individual insulated conductors are affixed along their longitudinal axes, resulting in a uniform conductor-to-conductor spacing. This feature is especially important in field applications where rough handling and environmental conditions can alter the dimensions and physical properties of conventional Cat 5e cables, which in turn can

degrade its electrical performance. Bonded-Pair cables are ruggedly built to withstand the rigors of installation, thus ensuring the cables' consistent impedance and Return Loss characteristics.

For more information about Belden Brilliance AES/EBU Single-pair Digital Audio Cables, ask for Product Bulletin #267 at Belden, P.O. Box 1980, Richmond, Indiana 47375, 1.800.BELDEN.1. FAX: 765.983.5294. Or visit the Web site: www.belden.com.

About Belden

Belden is a leader in the design, manufacture, and marketing of signal transmission solutions for data networking and a wide range of specialty electronics markets including entertainment, industrial, building management and aerospace applications. Belden has manufacturing facilities in North America, Asia and Europe as well as distribution centers in the U.S., Canada, Singapore, Australia and The Netherlands. A majority of Belden's manufacturing, engineering and support functions are registered to the International Organization for Standardization.