

NP 118E

Belden® now offers the popular Brilliance® CatSnake® 1305A single Cat. 5e cable within a multiple snake design for use in patching Ethernet or digital A/V formats.



Belden 4-Channel Brilliance® CatSnake® 1305E4 Cable

Belden has introduced a new 4-channel version to its ever popular CatSnake® mobile Cat. 5e cables for the harshest heavy duty environments. The new 4-channel Brilliance® CatSnake® 1305E4 is an extremely rugged snake cable for use in high traffic areas in broadcast studios or in any type of tactical field deployable A/V installations. The new cable, with Belden's patented Bonded-Pair design, features unshielded twisted pairs (UTPs) with 24 AWG stranded bare copper conductors and polyolefin insulation. These cables have a black matte finish jacket and are numbered for easy identification.

Superior Installable Performance™

CatSnake® cables, also referred to as Tactical Cat. 5e cables, are designed for portable applications and feel and look like microphone cables. They are able to withstand repeated coiling and uncoiling for stage and live sound applications and thanks to their flexible PVC outer jacket, they have a low shape memory effect.

With Belden's proprietary Bonded-Pair design, the individual insulated conductors are bonded together along over the full length of the cable. Designed to withstand the rigors of a typical installation such as pulling, bending, kinking, coiling and crushing without any degradation in performance, Belden cables have the same performance you specify – both after the installation and while in use. That's what we call Installable Performance™.

Ideal for Heavy-Duty Environments

CatSnake® 1305E4 is exceptionally suited for professional broadcast applications such as Broadcast TV/Radio, Outside Broadcasting (OB)

vans, live sound, outdoor news or sports and on-stage lighting applications. The four Cat. 5e UTP elements are covered by one flexible overall jacket and the entire cable has a completely black matte finish to sustain invisibility on stage.

To enhance overall ruggedness, portability, survivability and re-usability, Belden has designed an upjacketed version for the harshest heavy-duty environments. These cables have stranded (7x32) conductors and matte-finished Belflex® jackets that exhibit superior flexibility at low temperatures along with resistance compared to standard PVC jacketing materials.

In these, and other applications, CatSnake® 1305E4 is easy to conceal – the entire cable is black – and continue to deliver superior performance, despite rough treatment. The compact, round cables are rugged and yet easy to be transported and deployed. They are easy to terminate, thanks to the incorporated ripcord and CatSnake® and are compatible with RJ-45 connectors. Neutrik's Ethercon™ connector is used to lock the cable to the patch bay.

Applications

Brilliance® CatSnake® 1305E4 is ideal for in recently developed audio formats using to run on Ethernet cables. These applications include CobraNet™, EtherSound™, Roland's DigitalSnake™ protocols and DMX over Ethernet (DoE).

• **CobraNet™**

CobraNet™ is a combination of software, hardware and network protocols designed to deliver uncompressed, multi-channel, low-latency digital audio over a standard Ethernet network. CobraNet™ is widely regarded as the

