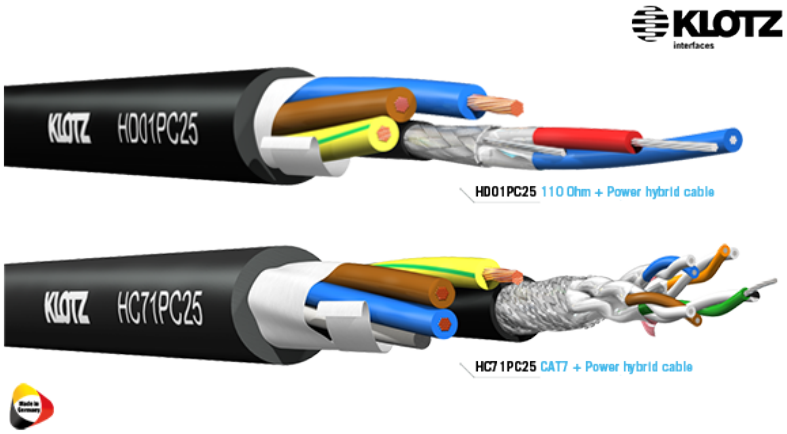
KLOTZ and their latest at ISE 2026

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Integrated Systems Europe in Barcelona proved to be a great success for KLOTZ AIS this year.

During the exhibition days, they presented their latest for professional signal transmission to a broad and highly interested audience.

KLOTZ hybrid bulk cables



CAT7 / 110 Ohm + Power Hybrid Cables: HC71PC25 & HD01PC25

KLOTZ AIS mobile hybrid cables combine clean and stable signal transmission with exceptional durability. Depending on type, they integrate multiple high-quality audio, digital, video, network, and power lines into a single cable.

The HC71PC25 CAT7 + Power and the HD01PC25 1x Digital 110 Ohm + Power – are no exception. Both replace several individual cables for audio and network applications with one ultra-compact hybrid solution.

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The HC71PC25 was specifically designed for use in digital audio networks. In addition to a CAT7 line, it features an integrated 3 x 2.5 mm² power cable, enabling the connection of modern, computer-controlled devices and systems. The CAT7 network line (up to 10 Gbit) supports all common network protocols such as Dante™, ArtNet®, MA-Net, and many more. Thanks to the double shielding of the network pair, reliable signal transmission is ensured even over long distances.

The HD01PC25 was developed for audio and DMX applications. It reliably transmits analog audio signals as well as digital AES/EBU and DMX signals. The double-shielded 110 Ohm signal pair (2 x 0.22 mm²) guarantees stable transmission over long distances, even in environments with high electromagnetic interference. The cable is complemented by a robust integrated 3 x 2.5 mm² power line. An additional drain wire also simplifies termination with XLR or TRS connectors.

Both new hybrid cables feature a highly flexible soft PVC outer jacket and, thanks to their rugged construction, are ideally suited for demanding live applications.

KLOTZ CATLink TRUSS



CATLink TRUSS 2x 4-Channel Audio / DMX Stageboxes

With KLOTZ CATLink products, four analog audio signals (mic/line), eight digital audio signals (4x AES/EBU), or four DMX/MIDI signals can be transmitted reliably over distances of up to 100 m using a single overall-shielded network cable.

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The stageboxes of the CATLink TRUSS series are the go-to solution whenever professional performance is required. They offer maximum flexibility and enable fast setup and teardown in demanding live environments. Whether used as a compact sub-stagebox or as part of a complete multicore system, KLOTZ CATLink TRUSS stageboxes are ideal for signal routing between stage, FOH, and sub-mixers.

The rugged aluminum housing, equipped with non-slip rubber feet and laser-engraved labeling, is built to withstand tough stage conditions. Four mounting eyes and an M10 thread allow easy attachment to trusses – including mounting via a Manfrotto Super Clamp. For connection, KLOTZ recommend using an overall-shielded network cable (e.g., KLOTZ RC5EE) to ensure a common ground across all four channels.

They have now expanded the CATLink TRUSS series with two new 2×4-channel audio stageboxes (CLAES44T-X33F, CLAES44T-X3M3F) and one 2×4-channel DMX version (CLDMX44T-X55F).

KLOTZ energy fanout box



Energy Fanout Boxes for Broadcast Applications – 6 or 8 Channels

The EBI..H and EBO..H Energy Fan IN and Fan OUT adapter boxes are specifically designed to meet the demands of the live event industry and television production, suitable for both indoor and outdoor use.

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They feature high-quality Harting HAN 16ES connectors with metal coupling housings and are available with 8 x Schuko rubber plugs or sockets (Schuko sockets optionally for DE or FR/BE), allowing the eight discrete 16 A circuits to feed into – or be extracted from – an 8-channel Energy Multicore (EMC8HMFT).

The boxes use premium, waterproof TITANEX® H07RNF rubber-sheathed cable with a conductor cross-section of 3 x 2.5 mm², ensuring reliable operation even under extreme conditions.

All KLOTZ Energy fanouts feature an ultra-light, impact- and scratch-resistant housing made from environmentally friendly recycled PE on the multipin side. This innovative material offers high temperature resistance, excellent weather resistance, and chemical durability. An M10 thread and integrated eyelet for safety cables allow secure rigging.

The new KLOTZ AIS Energy fanout boxes deliver quality and reliability for professional requirements – 100% Made in Germany.

KLOTZ UHD video cable



VU12L1NU: Flexible Video Cable with rearTWIST UHD Connector

For HD / UHD / 12G / 4K Applications

Our popular UHD Low Loss Outdoor Video Cable VD125LPS is now also available as a premade version with NEUTRIK rearTWIST UHD BNC connectors, in addition to the proven Damar & Hagen

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UHD connectors from the BMCslim and BNCpro series.

For modern 12G-SDI workflows (HD / UHD / 4K / 8K), the VU12L1NU ensures reliable, interference-free signal transmission over long distances – even under extreme conditions in live or outdoor use. The very low return loss of the NEUTRIK rearTWIST UHD connectors, combined with the excellent properties of the KLOTZ VD125LPS video cable, guarantees maximum performance in all broadcast and video applications.

For mobile use, the highly flexible VU12L1NU on the lightweight and break-resistant GT310.RM cable drum from Schill is the perfect companion. Thanks to its abrasion-resistant and UV-stable PUR outer jacket, the cable is ideal for demanding outdoor applications and long transmission distances.

Transmission Lengths:

12G-SDI (UHD) – up to 55 m

6G-SDI (UHD) – up to 90 m

3G-SDI (UHD) – up to 140 m

KLOTZ SMPTE distribution



CAM SMPTE 311M Distribution Box: SMPTE – Single-Mode Fiber

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The SMPTE distribution boxes of the CAM-DB1 series allow SMPTE-311M hybrid cables to be conveniently adapted to conventional single-mode fiber (SMF) connections. Users benefit from maximum flexibility, as the CAM-DB1 is available on the output side with all common fiber optic connectors:

EDW, FXW, ST, LC, opticalCON, or SmartBeam connectors are optionally available, allowing the CAM-DB1 to be seamlessly integrated into virtually any existing fiber optic infrastructure.

Wherever standard fiber optic cables are used for transmitting video, audio, or data signals, the KLOTZ CAM Distribution Box proves to be the ideal solution.

The extruded aluminum housing easily withstands strong mechanical stress, making it perfectly suited for demanding outdoor use. Both the connectors and the robust housing are even waterproof to IP68 when mated. Using screws on the bottom of the housing, the SMPTE box can be securely mounted during live operation.

KLOTZ speaker multicore



KLOTZ LP164XY1S eXtreme Speaker Multicore for Live Use

The pre-assembled KLOTZ LP164XY1S eXtreme 16-Channel Speaker Multicore was specifically developed for multi-amplifier systems and is 100% compatible with all speaker multicore cables

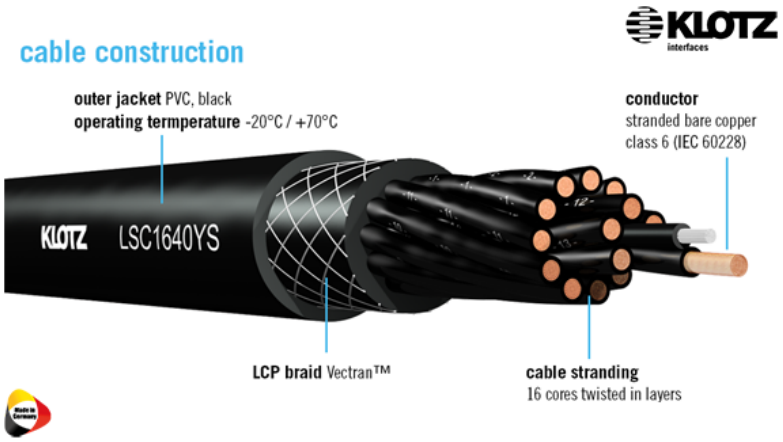
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using Socapex connectors. As a high-end solution in the speaker domain, it reliably transmits audio signals over long distances even in demanding live-use scenarios, delivering the highest quality. It can replace up to two 8-channel speaker lines, significantly reducing setup and teardown time.

The LP164XY1S eXtreme series is based on the high-quality LSC1640YS cable: an extremely robust 16-channel multicore with 16 strands of bare copper wire (Class 6), each with a conductor cross-section of 4.0 mm², and a cold-resistant PVC outer jacket. An additional Vectran™ textile braid provides maximum tensile strength and stability – even under the harshest conditions down to –40 °C.

For the multipin connectors, RMP419AR connectors with silver-plated contacts are used in male/female configurations. A special audio insert allows clear identification as a speaker multicore, while a screw-on ring on the male side ensures secure extensions. A robust strain relief and transparent heat-shrink tubing for individual labeling complete the fully tour-ready design.

KLOTZ speaker multicore cable



LSC1640YS eXtreme Multicore Speaker Cable

The high-quality LSC1640YS eXtreme multicore speaker cable, specifically developed for

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demanding live use, forms the foundation of the new KLOTZ LP164XY1S eXtreme series.

The sophisticated features of our top-of-the-line speaker multicore ensure the highest signal purity, combined with excellent mechanical durability and outstanding temperature resistance, making it the ideal solution for demanding applications in live performance as well as in sound-sensitive studio environments.

Pre-terminated with Socapex-compatible RMP419AR speaker multipin connectors, setup times are effectively reduced, and error-proof cabling of even large line array systems with array processing is ensured.

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