KLOTZ
interfaces

#hello friend
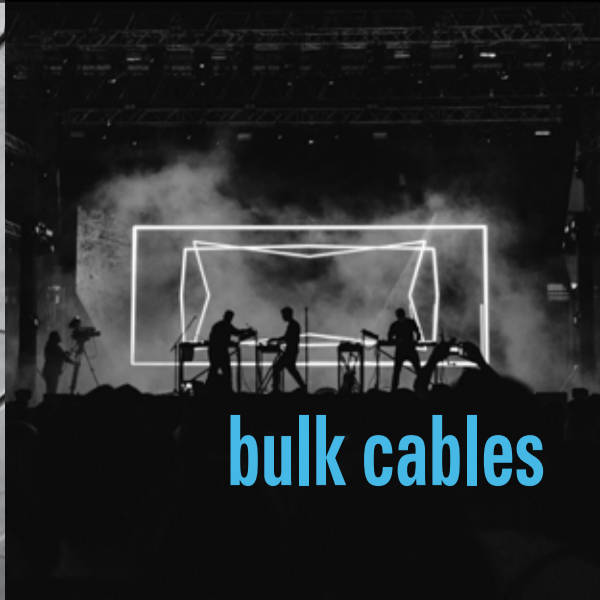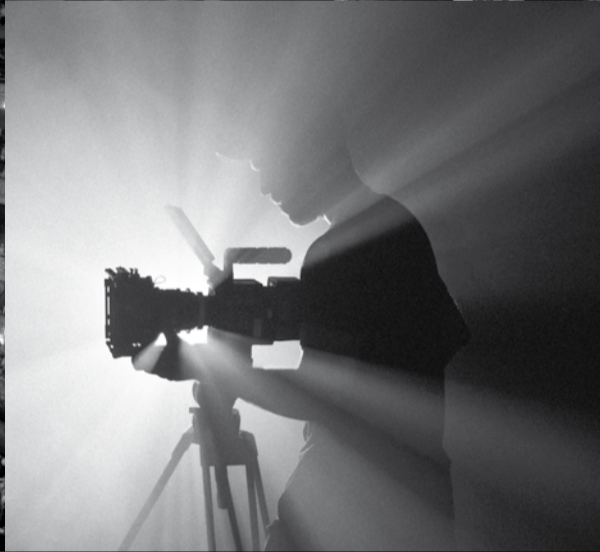
bulk cables

find

info

bulk cables

symbols

16 pairs

Number of Pairs

PVC

Poly Viny Chlorid
Thermoplastic material, which can be widely varied in its properties by additives.

PUR

Polyurethan (PUR)
RECOMMENDED FOR OUTDOOR USE
Thermoplastic elastomer, which is specifically characterized by its high flexibility at low temperatures (down to -40° Celsius) very robust and abrasion resistant

FRNC

**Flame Retardant
and Non Corrosive**
also called LS0H (Low smoke, zero halogen)
According to DIN VDE and IEC standards. Applications: Fixed installations (not as flexible as PVC)

PE

Polyethylen
Synthetic material with ultra-low permittivity, water resistant. Application as core insulation as well as jacket material for sumarine and underground cables.

TPE

Thermoplastic Elastomere
Outstanding combination of material properties plus low material thickness: high tear strength and shape retention, flexibility at even extreme temperatures, excellent electrical insulating properties, heat-proof, chemically stable.

Eca

Eca
CPR class Eca

Dca

Dca
CPR class Dca

EM2

EM2
rubber compound
(cross-linked elastomer) EM2 acc. to HD22.1

EM2-8

EM2-8
rubber compound
(cross-linked elastomer) EM2 + water-proof design AD8

UHD 4K

UHD 4k
suitable for transmitting high definition (HD) video signals

UHD 4K8K

UHD 4k 8K
suitable for transmitting high (HD) and ultra high definition (UHD) video signals

UHD 6G SDI

UHD 6G SDI
suitable for transmitting high (HD) and ultra high definition (UHD) video signals

UHD 12G SDI

UHD 12G SDI
suitable for transmitting high (HD) and ultra high definition (UHD) video signals

+4.0

decades fast forward

made in germany

The KLOTZ company was founded in 1979, starting out as Europe's first specialist manufacturer of multicore, microphone and instrument cables. There followed a partnership for the manufacture of loudspeakers which can still be found in various buildings and facilities today. These speakers, built several decades ago, bear witness to the consistent and long-standing high quality of KLOTZ products.

As the years passed new markets were unlocked and the KLOTZ development engineers produced a never-ending flood of innovative ideas – as they still do today. The company's portfolio has long moved on from the idea of "just cables", and now includes systems and solutions for football stadiums, radio and TV broadcasters, mega-hotels and even cruise ships.

New standards are continually being introduced in data transmission. KLOTZ has always been in the forefront of this field, and will remain so in the future. The KLOTZ name is synonymous with supreme quality in audio and video transmission solutions, and the company has built a worldwide reputation on this hallmark quality.

Over the years KLOTZ has carried out a host of prestigious orders on the fiercely contested instrument and microphone cable market, including cabling for the legendary Abbey Road Studios in London and signature cable models for outstanding artists like TM Stevens, Matthias Jabs (Scorpions) and Joe Bonamassa.

As growth became necessary in recent years, the company was in the fortunate position of being able to expand its Vilchband production location. The facility was upgraded to take in future-facing technologies and other aspects – including legal requirements concerning areas like energy efficiency, as well as ergonomic and people-centred workplace design.

The company continues to be in the hands of its founders. They know that KLOTZ's most important asset is its people, who have collected a vast store of knowledge and expertise over the years. Our goal is to preserve and expand that knowledge. At KLOTZ, MADE IN GERMANY is our reality – and we aim to keep it that way for the next 40 years.

quality

The KLOTZ AIS factory is using a 6 time quality assurance for each KLOTZ cable in accordance with ISO 9001:2015.

6 time quality assurance
ISO 9001:2015

Made in Germany

microphone
+ StarQuad
cables

This section leads through the extensive range of microphone and StarQuad cables, starting with the all-time classic & bestseller MY206, high-end mic cable MC5000, up to a wide range of StarQuad audio cables for mobile use or fixed installation.

microphone + StarQuad

MY206 `PVC`

professional microphone cable
2 x 0.22 mm² - flexible - PVC

- 0.22 mm² conductor cross section (AWG 24)
- ultra-low capacitance 60 pF/m (18 pF/ft)
- bare copper spiral shield
- available in six different colours
- white version available as IR206

IR206 `PVC`

iceRock - prime microphone cable
2 x 0.22 mm² - white - PVC

- 0.22 mm² conductor cross section (AWG 24)
- ultra-low capacitance 60 pF/m (18 pF/ft)
- bare copper spiral shield
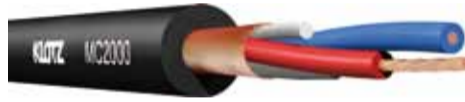- UV-resistant

best seller

MY206UP `PUR`

professional microphone cable
2 x 0.22 mm² - rugged - PUR

- 0.22 mm² conductor cross section (AWG 24)
- ultra-low capacitance 60 pF/m (18 pF/ft)
- bare copper spiral shield
- extreme robust PUR jacket
- low-temperature-flexible down to -40 °C
- halogen-free

MC2000SW `PVC`

superior microphone cable
2 x 0.22 mm² - extra heavy sheath - PVC

- 0.22 mm² conductor cross section (AWG 24
- ultra-low capacitance 60 pF/m (18 pF/ft)
- bare copper spiral shield
- extra heavy overall sheath

MC5000 `PVC`

high end double shielded microphone cable
2 x 0.50 mm² - intermediate jacket - PVC

- 0.50 mm² conductor cross section (AWG 20)
- ultra-low capacitance 55 pF/m (17 pF/ft)
- double, counter rotating copper spiral shield
- inner PVC jacket for stabilising pair twisting
- for high end studio microphones

MY250CY `PVC`

durable pro microphone cable
2 x 0.50 mm² - intermediate jacket - PVC

- 0.50 mm² conductor cross section (AWG 20)
- ultra-low capacitance 60 pF/m (18 pF/ft)
- bare copper braid shield
- inner PE jacket for stabilising pair twisting

MY250CH `Eca` `FRNC`

durable pro microphone cable
2 x 0.50 mm² - intermediate jacket - FRNC

- 0.50 mm² conductor cross section (AWG 20)
- ultra-low capacitance 60 pF/m (18 pF/ft)
- tinned copper braid shield
- inner PE jacket for stabilising pair twist
- flame retardant and non corrosive (FRNC)
- CPR class Eca

SQ414Y `PVC`

StarQuad pro audio cable
4 x 0.15 mm² - PVC

- 0.15 mm² conductor cross section (AWG 26)
- quad connection: 2 x 0.30 mm² (AWG 22)
- very dense tinned copper spiral shield
- extremely flexible

microphone + StarQuad

SQ418H `Eca` `FRNC`

StarQuad pro audio cable
4 x 0.18 mm² - FRNC

- 0.18 mm² conductor cross section (AWG 25)
- quad connection: 2 x 0.36 mm² (AWG 22)y
- AL/PET foil shield (100% coverage)
- flame retardant and non corrosive (FRNC)
- CPR class Eca

SQM22H04 `Eca` `FRNC`

StarQuad pro audio multicore
4 x 4 x 0.22 mm² - FRNC

- 0.22 mm² conductor cross section (AWG 24)
- quad connection: 2 x 0.44 mm² (AWG 21)
- AL/PET foil shield (100% coverage)
- flame retardant and non corrosive (FRNC)
- CPR class Eca acc. to EN50575

new

SQ422Y `PVC`

StarQuad pro audio cable
4 x 0.22 mm² - PVC

- 0.22 mm² conductor cross section (AWG 24)
- quad connection: 2 x 0.44 mm² (AWG 21)
- very dense tinned copper braid screen
- drain wire for fast und convenient assembly

SQ422H `Eca` `FRNC`

StarQuad pro audio cable
4 x 0.22 mm² - FRNC

- 0.22 mm² conductor cross section (AWG 24)
- quad connection: 2 x 0.44 mm² (AWG 21)
- AL/PET foil shield (100% coverage)
- flame retardant and non corrosive (FRNC)
- CPR class Eca

SQ434Y `PVC`

StarQuad pro audio cable
4 x 0.34 mm² - PVC

- 0.34 mm² conductor cross section (AWG 22)
- quad connection: 2 x 0.68 mm² (AWG 19)
- very dense tinned copper braid screen
- high interference resistance

SQ450P `PUR`

StarQuad pro audio cable
4 x 0.50 mm² - PUR

- 0.50 mm² conductor cross section (AWG 20)
- quad connection: 2 x 1.0 mm² (AWG 18)
- very dense tinned copper braid screen
- extreme robust PUR jacket
- high interference resistance
- ideal for long distances

audio analog
cables

Balanced and unbalanced audio lines can be found in this overview. From instrument cables, such as the ‚supreme' cable AC110SW to zip cord patch cables IY205 or TP414, rack installation cables (PO122Y, -H and J105YGR) and all multicore cables incl. our bestseller PolyWIRE.

audio analog

AC104.. PVC

unbalanced pro audio / instrument cable
coaxial - conductive layer - PVC

• 0.22 mm² conductor cross section (AWG 24)
• double shielding
• conductive plastic layer
• bare copper spiral shield
• capacitance: 115 pF/m (35 pF/ft)

AC106SW PVC

unbalanced prime audio / instrument cable
coaxial - conductive layer - PVC

• 0.22 mm² conductor cross section (AWG 24)
• double shielding
• conductive plastic layer
• bare copper spiral shield
• low capacitance: 95 pF/m (29 pF/ft)

AC110SW PVC

unbalanced hifi audio cable
coaxial - conductive layer - PVC

• 0.22 mm² conductor cross section (AWG 24)
• triple shielding
• conductive plastic layer
• conductive plastic layer over dielectric
• bare copper spiral shield
• low capacitance: 65 pF/m (20 pF/ft)

IY104SW PVC

unbalanced pro audio patch cable
coaxial - flexible -PVC

• 0.22 mm² conductor cross section (AWG 24)
• extremely flexible
• spiral shield
• small outer diameter, 4.0 mm

IY205 PVC

unbalanced zip cord patch cable
low capacitance - PVC

• 0.22 mm² conductor cross section (AWG 24)
• compact construction (5.0 mm x 10.0 mm)
• low capacitance

TP414 PVC

TwinPatch - balanced stereo patch cable
compact construction - PVC

• 0.14 mm² conductor cross section (AWG 26)
• compact construction (3.4 mm x 7.0 mm)
• closely woven tinned copper spiral shield

MY203SW PVC

balanced pro audio patch cable
for stereo mini jacks - PVC

• 0.22 mm² conductor cross section (AWG 24)
• conductors and spiral shield from tinned copper
• compact construction, 4.3 mm Ø
• suitable for 3 pole stereo mini jacks

MY204.. PVC

balanced patch and microphone cable
high screen - PVC

• 0.22 mm² conductor cross section (AWG 24)
• very dense braid screen
• low capacitance
• drain wire for fast and convenient assembly

audio analog

J1O5YGR — PVC

balanced rack wiring cable
solid conductor - PVC

- 0.19 mm² conductor cross section (AWG 24)
- solid tinned copper wire (Ø 0.50 mm)
- AL/PET foil shield

PO122Y.. — PVC

balanced single pair wiring cable
2 x 0.22 mm² - PVC

- 0.22 mm² conductor cross section (AWG 24)
- stranded conductor 7 x 0.20 mm
- AL/PET foil shield

PO122H — Eca FRNC

balanced single pair wiring cable
2 x 0.22 mm² - FRNC

- 1 x 2 x 0.22 mm² (AWG 24)
- stranded conductor 7 x 0.20 mm
- AL/PET foil shield
- flame retardant and non corrosive (FRNC)
- CPR class Eca

PW..X — PVC

PolyWIRE XLPE studio multicore
n x 2 x 0.22 mm² - PVC

- 0.22 mm² conductor cross section (AWG 24)
- XLPE insulation (cross-linked PE)
- heat-resistant, easy and reliable
- soldering without shrinking
- AL/PET foil shielded pairs
- flexible PVC jacket

exemplarily illustrated is the 40-pair PW40X

2 4 6 8 12 16 20 24 32 40 **pairs**

PL22Y.. — PVC

PolyLIVE mobile multicore
n x 2 x 0.22 mm² - PVC

- 0.22 mm² conductor cross section (AWG 24)
- overall braid shield
- compact construction

exemplarily illustrated is the 12-pair PL22Y12

4 8 12 16 24 32 48 **pairs**

PX22XH.. — Eca FRNC

PolyFIX XLPE installation multicore
n x 2 x 0.22 mm² - FRNC

- 0.22 mm² conductor cross section (AWG 24)
- double shielding (pair + overall AL-foil)
- XLPE insulation (cross-linked PE)
- for reliable soldering without shrinking
- flame retardant and non corrosive (FRNC)
- CPR class Eca

exemplarily illustrated is the 12-pair PX22XH12

2 4 8 12 16 **pairs**

PX22CH.. — Eca FRNC

PolyFIX compact installation multicore
n x 2 x 0.22 mm² - FRNC

- 0.22 mm² conductor cross section (AWG 24)
- numbered and color coded pair jackets
- extremely small overall diameter
- flame retardant and non corrosive (FRNC)
- CPR class Eca

exemplarily illustrated is the 24-pair PX22CH24

2 4 8 12 16 **pairs**

digital audio
+ DMX
cables

The extensive range of digital AES/EBU cables, from single-pair to multicore cables for mobile use or fixed installation. Including OT1000 & OT2000, the bestseller OT206 as well as OmniWIRE, OmniSTAR and OmniFIX multicore cables.
All major cables for DMX light signal transmission in single and two-pair conductor design.

digital audio + DMX

OT1000 `PVC`

**OmniTRANS mobile AES/EBU patch cable
2 x 0.14 mm² - PVC**

- 0.14 mm² conductor cross section (AWG 26)
- 110 Ohm characteristic impedance
- tinned copper spiral shield
- ultra flexible
- suitable for Bantam/TT-Phone connectors

OT2000 `PVC`

**OmniTRANS mobile AES/EBU cable
2 x 0.22 mm² - PVC**

- 0.22 mm² conductor cross section (AWG 24)
- 110 Ohm characteristic impedance
- very dense spiral shield
- flexible, robust outer jacket, Ø 6.5 mm

AEY122 `PVC`

**OmniTRANS mobile AES/EBU cable
2 x 0.22 mm² - PVC**

- 0.22 mm² conductor cross section (AWG 24)
- 110 Ohm characteristic impedance
- double shielded (AL/PET foil + braid)
- Ø 4.5 mm

OT206Y.. `PVC`

**OmniTRANS mobile AES/EBU (DMX) cable
2 x 0.22 mm² - PVC**

- 0.22 mm² conductor cross section (AWG 24)
- 110 Ohm characteristic impedance
- double shielded (AL/PET foil + braid)
- robust outer jacket, Ø 6.0 mm

OT206PB `PUR`

**OmniTRANS mobile AES/EBU (DMX) cable
2 x 0.22 mm² - PUR**

- 0.22 mm² conductor cross section (AWG 24)
- 110 Ohm characteristic impedance
- double shielded (AL/PET foil + braid)
- extra robust PUR jacket
- halogen-free

OT234YS `PVC`

**OmniTRANS mobile AES/EBU (DMX) cable
2 x 0.34 mm² - PVC**

- 0.34 mm² conductor cross section (AWG 22)
- 110 Ohm characteristic impedance
- double shielded (AL/PET foil + braid)
- robust jacket, Ø 6.7 mm

new

OT234H `Eca` `FRNC`

**OmniTRANS AES/EBU (DMX) installation cable
2 x 0.34 mm² - FRNC**

- 0.34 mm² conductor cross section (AWG 22)
- 110 Ohm characteristic impedance
- double shielded (AL foil + braid)
- flame retardant and non corrosive (FRNC)
- CPR class Eca

digital audio + DMX

0TW203Y `PVC`

AES/ EBU digital wiring cable
2 x 0.14 mm² - PVC

- 0.14 mm² conductor cross section (AWG 26)
- 110 Ohm characteristic impedance
- AL/PET foil shield
- just 3.2 mm outer diameter

0TW203H `Eca` `FRNC`

AES/ EBU digital wiring cable
2 x 0.14 mm² - FRNC

- 0.14 mm² conductor cross section (AWG 26)
- 110 Ohm characteristic impedance
- AL/PET foil shield
- just 3.2 mm outer diameter
- flame retardant and non corrosive (FRNC)
- CPR class Eca

0TW204Y `PVC`

AES/ EBU digital wiring cable
2 x 0.22 mm² - PVC

- 0.22 mm² conductor cross section (AWG 24)
- 110 Ohm characteristic impedance
- AL/PET foil shield

0TW204H `Eca` `FRNC`

AES/ EBU digital wiring cable
2 x 0.22 mm² - FRNC

- 0.22 mm² conductor cross section (AWG 24)
- 110 Ohm characteristic impedance
- AL/PET foil shield
- flame retardant and non corrosive (FRNC)
- CPR class Eca

DMX2 `PVC`

2-pair DMX cable
2 x 2 x 0.22 mm² - PVC

- 0.22 mm² conductor cross section (AWG 24)
- 110 Ohm characteristic impedance
- AL/PET foil shielded pairs
- tinned copper overall braid

DC422CY `PVC`

100 Ohm RS232/422 data cable
2 x 2 x 0,22 mm²

- 0.22 mm² conductor cross section (AWG 24)
- 100 Ohm characteristic impedance
- double shielding (overall foil- and braid shield)

17

digital audio + DMX

OW15Y.. `PVC`

OmniWire AES/EBU studio multicore
n x 2 x 0.15 mm² - PVC

- 0.15 mm² conductor cross section (AWG 26)
- extra fine stranded conductors (19 x 0.10 mm)
- tinned copper spiral pair shields
- ultra flexible

exemplarily illustrated is the 12-pair OW15Y12

2 4 8 12 16 24 pairs

OS15CP.. `PUR`

OmniSTAR AES/EBU multicore
n x 2 x 0.15 mm² - PUR

- 0.15 mm² conductor cross section (AWG 26)
- extra fine stranded conductors (19 x 0.10 mm)
- tinned copper spiral pair shields
- pair jackets from cold-flex PVC
- very dense overall copper braid
- PUR overall jacket

exemplarily illustrated is the 12-pair OT15CP12

8 12 pairs

new

OL22Y.. `PVC`

OmniLIVE AES/EBU multicore
n x 2 x 0.22 mm² - PVC

- 0.22 mm² conductor cross section (AWG 24)
- overall braid shield
- very compact outer diameter

exemplarily illustrated is the 12-pair OL22Y12

8 12 16 24 pairs

OL22P.. `PUR`

OmniLIVE AES/EBU multicore
n x 2 x 0.22 mm² - PUR

- 0.22 mm² conductor cross section (AWG 24)
- overall braid shield
- very compact outer diameter
- extra robust PUR jacket

12 pairs

OX22AH.. `Eca` `FRNC`

OmniFIX double shielded AES/EBU multicore
n x 2 x 0.22 mm² - FRNC

- 0.22 mm² conductor cross section (AWG 24)
- double shielding (pair and overall Al foil)
- AL/PETP foil bonded to pair jacket for fast assembly
- flame retardant and non corrosive (FRNC)
- CPR class Eca

exemplarily illustrated is the 12-pair OX22AH12

2 4 8 12 24 pairs

OX22GHB.. `Dca` `FRNC`

OmniFIX HS high screen AES/EBU multicore
n x 2 x 0.22 mm² - FRNC - Dca

- suitable for analog and digital audio
- 0.22 mm² conductor cross section (AWG 24/7)
- triple shielding (pair and double overall Al foil)
- AL/PETP foil bonded to pair jacket for fast assembly
- flame retardant and non corrosive (FRNC)
- CPR class Dca - s2, d2, a1 acc. to EN50575

exemplarily illustrated is the 12-pair OX22GH12

2 4 8 12 pairs

SHD.. `Eca` `FRNC`
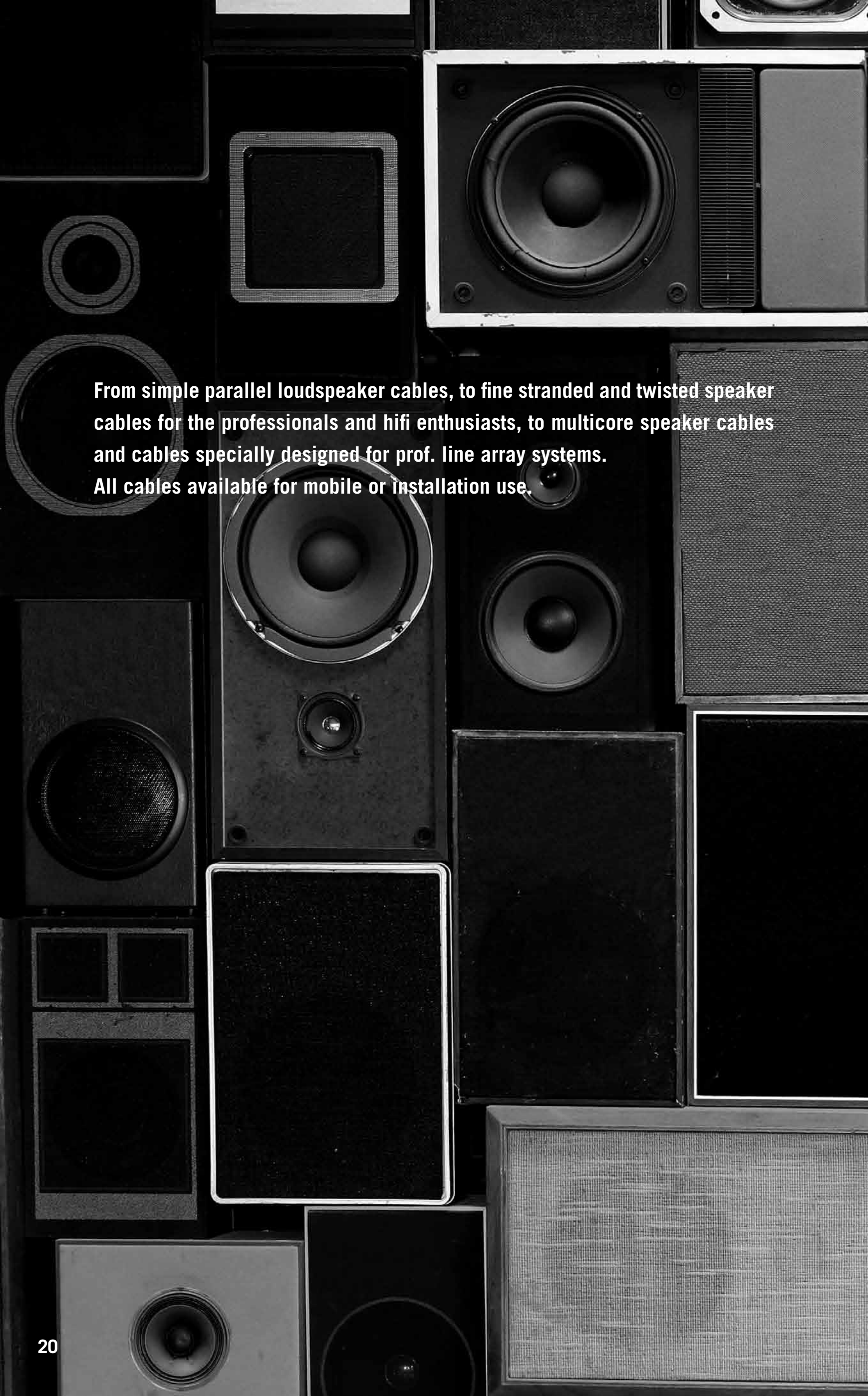
Sentinel high end AES/EBU multicore
n x 2 x 0.57 mm - solid conductor - FRNC

- 0.26 mm² conductor cross section (AWG 23/1)
- double overall shield (foil and braid)
- flame retardant and non corrosive (FRNC)
- CPR class Eca

exemplarily illustrated is the 10-pair SHD12

1 2 4 8 pairs

From simple parallel loudspeaker cables, to fine stranded and twisted speaker cables for the professionals and hifi enthusiasts, to multicore speaker cables and cables specially designed for prof. line array systems.
All cables available for mobile or installation use.

speaker
cables

speaker

LYP007.. PVC

parallel speaker cable
2 x 0.75 mm² - zip cord - PVC

- cable with separable conductor pair
- for banana plug speaker connections
- for screw-type speaker connectors

LYP015.. PVC

parallel speaker cable
2 x 1.5 mm² - zip cord - PVC

- cable with separable conductor pair
- for banana plug speaker connections
- for screw-type speaker connector

LYP025.. PVC

parallel speaker cable
2 x 2.5 mm² - zip cord - PVC

- cable with separable conductor pair
- for banana plug speaker connections
- for screw-type speaker connectors

LYP060T PVC

parallel speaker cable
2 x 6.0 mm² - zip cord - PVC

- cable with separable conductor pair
- for banana plug speaker connections
- for screw-type speaker connectors

LY215.. PVC

twinaxial speaker cable
2 x 1.5 mm² - PVC

- fine stranded bare copper wires
- improved EMC by a very short length of twist
- flexible, but robust PVC jacket
- ideal for winding on cable drums

LY225.. PVC

twinaxial speaker cable
2 x 2.5 mm² - PVC

- fine stranded bare copper wires
- improved EMC by a very short length of twist
- flexible, but robust PVC jacket
- ideal for winding on cable drums

LY240.. PVC

twinaxial speaker cable
2 x 4.0 mm² - PVC

- fine stranded bare copper wires
- improved EMC by a very short length of twist
- flexible, but robust PVC jacket
- ideal for winding on cable drums

speaker

LSC425YS `PVC`

multicore speaker cable
4 x 2.5 mm² - PVC

- fine stranded bare copper wires
- flexible, but robust PVC jacket
- ideal for winding on cable drums

LSC440YS `PVC`

multicore speaker cable
4 x 4.0 mm² - PVC

- extra fine stranded bare copper wires
- flexible, but robust PVC jacket
- ideal for winding on cable drums

LSC825PS `PUR`

multicore speaker cable
8 x 2.5 mm² - PUR

- fine stranded bare copper wires
- for mobile outdoor applications
- low-temperature-flexible
- abrasion-resistant
- robust PUR jacket

LSC825YS `PVC`

multicore speaker cable
8 x 2.5 mm² - PVC

- fine stranded bare copper wires
- flexible, but robust PVC jacket
- ideal for winding on cable drums

LSC840PS `PUR`

multicore speaker cable
8 x 4.0 mm² - PUR

- extra fine stranded bare copper wires
- for mobile outdoor applications
- low-temperature-flexible
- abrasion-resistant
- robust PUR jacket

LSC840XYM `PVC`

multicore speaker cable
8 x 4.0 mm² - PVC

- extremely resistant to repeated bending due to
- extra fine stranded conductors acc. to VDE 0295,
- class 6 (IEC 60228 cl.6)
- extra tough and robust due to
- extra thick PVC jacket
- cold-resistant down to -40°C

LSC840XYS `PVC`

multicore speaker cable
8 x 4.0 mm² - PVC

- extremely resistant to repeated bending due to
- extra fine stranded conductors acc. to VDE 0295,
- class 6 (IEC 60228 cl.6)
- extra thick PVC jacket

LSC2440YS

multicore speaker cable
24 x 4.0 mm² - PVC

- for multi-amplifier systems
- extremely resistant to repeated bending
- due to extra fine stranded conductors
- amd very short length of core twisting
- textile braiding for increased tensile strength
- low-temperature-flexible down to -40 °C

speaker

LYS425P `PUR`

system speaker cable with sense wire
4 x 2.5 mm² + 1 x 0.5 mm² - PUR

- voltage feedback with 0.5 mm² sense wire
- fine stranded bare copper wires
- low-temperature-flexible and
- abrasion-resistant, robust PUR jacket

LYS440P `PUR`

system speaker cable with sense wire
4 x 4.0 mm² + 1 x 0.5 mm² - PUR

- voltage feedback with 0.5 mm² sense wire
- extra fine stranded bare copper wires
- low-temperature-flexible and
- abrasion-resistant, robust PUR jacket

SCY2025 `PVC`

installation speaker cable - LHC
2 x 2.5 mm² - PVC

- extreme low heat of combustion (LHC)
- by a tubular overall jacket
- fine stranded bare copper wires

SCY2040 `PVC`

installation speaker cable - LHC
2 x 4.0 mm² - PVC

- extreme low heat of combustion (LHC)
- by a tubular overall jacket
- fine stranded bare copper wires

SCH2015-D `Dca` `FRNC`

twinaxial speaker cable - LHC
2 x 1.5 mm² - FRNC - Dca

- extreme low heat of combustion (LHC)
- by a tubular overall jacket
- fine stranded bare copper wires
- flame retardant and non corrosive (FRNC)
- CPR class Dca

SCH2025-D `Dca` `FRNC`

twinaxial speaker cable - LHC
2 x 2.5 mm² - FRNC - Dca

- extreme low heat of combustion (LHC)
- by a tubular overall jacket
- fine stranded bare copper wires
- flame retardant and non corrosive (FRNC)
- CPR class Dca

SCH4025-D `Dca` `FRNC`

multicore speaker cable - LHC
4 x 2.5 mm² - FRNC - Dca

- extreme low heat of combustion (LHC)
- by a tubular overall jacket
- fine stranded bare copper wires
- flame retardant and non corrosive (FRNC)
- CPR class Dca

SCH8025-D `Dca` `FRNC`

multicore speaker cable - LHC
8 x 2.5 mm² - FRNC - Dca

- extreme low heat of combustion (LHC)
- by a tubular overall jacket
- fine stranded bare copper wires
- flame retardant and non corrosive (FRNC)
- CPR class Dca

speaker

SCH2040-D
`Dca` `FRNC`

twinaxial speaker cable - LHC
2 x 4.0 mm² - FRNC - Dca

- extreme low heat of combustion (LHC)
- by a tubular overall jacket
- fine stranded bare copper wires
- flame retardant and non corrosive (FRNC)
- CPR class Dca

SCFR2040
`Dca` `FRNC`

twinaxial speaker cable
2 x 4.0 mm² - FRNC - Dca

- round, pressure extruded jacket
- extra fine stranded bare copper wires
- flame retardant and non corrosive (FRNC)
- CPR class Dca

SCH4040-D
`Dca` `FRNC`

multicore speaker cable - LHC
4 x 4.0 mm² - FRNC - Dca

- extreme low heat of combustion (LHC)
- by a tubular overall jacket
- fine stranded bare copper wires
- flame retardant and non corrosive (FRNC)
- CPR class Dca

SCH2060-D
`Dca` `FRNC`

twinaxial speaker cable - LHC
2 x 6.0 mm² - FRNC - Dca

- extreme low heat of combustion (LHC)
- by a tubular overall jacket
- fine stranded bare copper wires
- flame retardant and non corrosive (FRNC)
- CPR class Dca

SCH4060-D
`Dca` `FRNC`

multicore speaker cable - LHC
4 x 6.0 mm² - FRNC - Dca

- extreme low heat of combustion (LHC)
- by a tubular overall jacket
- fine stranded bare copper wires
- flame retardant and non corrosive (FRNC)
- CPR class Dca

SCH2100-E
`Eca` `FRNC`

twinaxial speaker cable - LHC
2 x 10.0 mm² - FRNC - Eca

- extreme low heat of combustion (LHC)
- by a tubular overall jacket
- fine stranded bare copper wires
- flame retardant and non corrosive (FRNC)
- CPR class Eca

speaker

ELA108H-D

Dca FRNC

ELA installation cable - 100 V line
1 x 2 x 0.8 mm solid - FRNC - Dca

- bare solid conductors, Ø 0.80 mm, 0.5 mm²
- twisted pair contruction
- AL/PET overall foil shield
- flame retardant and non corrosive (FRNC)
- CPR class Dca - s1, d1, a1

ELA208H-D

Dca FRNC

ELA installation cable - 100 V line
2 x 2 x 0.8 mm solid - FRNC - Dca

- bare solid conductors, Ø 0.80 mm, 0.5 mm²
- twisted pair contruction
- AL/PET overall foil shield
- flame retardant and non corrosive (FRNC)
- CPR class Dca - s1, d1, a1
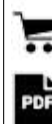
ELA408H-D

Dca FRNC

ELA installation cable - 100 V line
4 x 2 x 0.8 mm solid - FRNC - Dca

- bare solid conductors, Ø 0.80 mm, 0.5 mm²
- twisted pair contruction
- AL/PET overall foil shield
- flame retardant and non corrosive (FRNC)
- CPR class Dca - s1, d1, a1

HD-SDI video cables (UHD / 12GSDI), video multicore cables, TRIAX cables and 50 Ohm or 75 Ohm coaxial cables round off this segment.
For mobile use or fixed installation - find the right cable here.

video + coax
cables

video + coax

VDO42LT
`UHD` `12G` `TPE`

HD-SDI - digital video cable
0.5L/2.0 AF - TPE

- digital + analog video
- double shielding (100% foil + 90% braid)
- very compact cable, Ø 2.9 mm
- suitable for patch cable
- flexible stranded inner conductor
- suitable BNCmicro HD-BNC™ connector BN7Q042CUD
- suitable DIN 1.0/2.3 connector BN7S042CUD

VDU042LP
`UHD` `12G` `PUR`

12G UHD video cable high flex mini
0.42Ls/1.7 - PUR

- stranded conductor from silver-plated, copper cladded steel wires (CCS Ag)
- very dense stranded tinned copper
- suitable for short, mobile UHD applications
- robust PUR overall jacket
- CPR class Eca

new

VDO62SH-E
`UHD` `12G` `Eca` `FRNC`

HD-SDI - digital video cable
0.6/2.8 AF - FRNC - Eca

- digital + analog video
- double shielding (100% foil + 90% braid)
- flame retardant and non corrosive (FRNC)
- CPR class Eca

VDU073SH-D
`UHD` `12G` `Dca` `FRNC`

12G UHD video cable
0.7/2.9 AF - FRNC - Dca

- digital + analog video
- ideal for UHD / 4K applications
- silver-plated inner conductor
- double shielding (100% foil + 95% braid)
- flame retardant and non corrosive (FRNC)
- CPR class Dca acc. to EN50575

new

VDO83SY
`UHD` `12G` `Eca` `PVC`

HD-SDI - digital video cable
0.8/3.7 AF - PVC - Eca

- digital + analog video
- double shielding (100% foil + 95% braid)
- CPR class Eca

VDO83SH-E
`UHD` `12G` `Eca` `FRNC`

HD-SDI - digital video cable
0.8/3.7 AF - FRNC - Eca

- digital + analog video
- double shielding (100% foil + 95% braid)
- flame retardant and non corrosive (FRNC)
- CPR class Eca

VDO83LP
`UHD` `12G` `PUR`

HD-SDI - high-flex video cable
0.8L/3.7 DZ - PUR

- flexible stranded inner conductor
- very dense double tinned copper braid
- suitable for mobile applications
- robust PUR jacket

VD104SY
`UHD` `12G` `Eca` `PVC`

HD-SDI - digital video cable
1.0/4.8 AF - PVC - Eca

- digital + analog video
- double shielding (100% foil + 95% braid)
- CPR class Eca

video + coax

VD104SH-E — UHD | 12G | Eca | FRNC

**HD-SDI - digital video cable
1.0/4.8 AF - FRNC - Eca**

- digital + analog video
- double shielding (100% foil + 95% braid)
- flame retardant and non corrosive (FRNC)
- CPR class Eca

VDU125SH-D — UHD | 12G | Dca | PVC

**12G UHD video cable
1.2/5.0 AF - FRNC - Dca**

- digital + analog video
- ideal for UHD / 4K applications
- silver-plated inner conductor
- double shielding (100% foil + 95% braid)
- flame retardant and non corrosive (FRNC)
- CPR class Dca acc. to EN50575

new

VD125LPS — UHD | 12G | PUR

**HD-SDI - video cable flex - Low Loss
1.2L/4.8 DZ - PUR**

- flexible stranded inner conductor
- very dense double tinned copper braid
- very low attenuation (HD-SDI up to 100 m)
- suitable for mobile applications
- robust PUR jacket

VD167SY — UHD | 12G | Eca | PVC

**HD-SDI - digital video cable
1.6/7.2 AF - PVC - Eca**

- very low attenuation
- double shielding (100% foil + 95% braid)
- CPR class Eca

VD167SH-E — UHD | 12G | Eca | FRNC

**HD-SDI - digital video cable
1.6/7.2 AF - FRNC - Eca**

- very low attenuation
- double shielding (100% foil + 95% braid)
- flame retardant and non corrosive (FRNC)
- CPR class Eca

VD3062SH-E — UHD | 12G | Eca | FRNC

**HD-SDI - multichannel video cable
3 x 0.6/2.8 AF - FRNC - Eca**

- analog, high resolution RGB or 3 x digital video
- double shielding (100% foil + 90% braid)
- flame retardant and non corrosive (FRNC)
- CPR class Eca

VD5062SH-E — UHD | 12G | Eca | FRNC

**HD-SDI - multichannel video cable
5 x 0.6/2.8 AF - FRNC - Eca**

- analog, high resolution RGBHV or 5 x digital video
- double shielding (100% foil + 90% braid)
- flame retardant and non corrosive (FRNC)
- CPR class Eca

VD7062SP — UHD | 12G | PUR

**HD-SDI - multichannel video cable
7 x 0.6/2.8 AF - outdoor - PUR**

- 7-fold digital video
- double shielding (100% foil + 90% braid)
- robust PUR overall jacket

video + coax

VA063LB `PVC`

75 Ohm - analog video patch cable
0.6L/3.7 - high screen - PVC

- 75 Ohm characteristic impedance
- flexible inner conductor (7 x 0.20 mm)
- very dense bare copper braid, coverage > 95%
- Soft PVC jacket

K75L `PVC`

75 Ohm - coax cable flex
0.6L/3.7 - PVC

- 75 Ohm characteristic impedance
- flexible inner conductor (7 x 0.20 mm)
- bare copper braid shield
- for digital audio applications (S/PDIF, MADI, Word Clock)

VA5037LY `PVC`

75 Ohm - multichannel, analog video cable
VGA -RGBHV - PVC

- 75 Ohm characteristic impedance
- for analog RGBHV transmission
- very compact outer diameter (9.6 mm) for cramped space conditions
- ultra flexible construction

camera RG
cables

HD-SDI video cables (UHD / 12GSDI), camera cables according to SMPTE standard. TRIAX cables and 50 Ohm or 75 Ohm coaxial cables round off this segment.
This category features both, cables for mobile and installation purposes.

camera RG

CAM311P
UHD 4K8K PUR

SMPTE 311M - hybrid camera cable PUR

- SMPTE 311 compliant
- suitable for extended distances (up to 4000m)
- 2 x Single-Mode optical fibre conductors E9/125 µm
- 6 x copper lines (4 x power + 2 x remote control)
- central stranded steel strength member, 19 x 0.30 mm
- excellent machanical properties - PUR

CAM311H-D
UHD 4K8K Dca FRNC

SMPTE 311M - hybrid camera cable FRNC - Dca

- SMPTE 311 compliant
- suitable for extended distances (up to 4000m)
- 2 x Single-Mode optical fibre conductors E9/125 µm
- 6 x copper lines (4 x power + 2 x remote control)
- central stranded steel strength member, 19 x 0.36 mm
- flame retardant and non corrosive (FRNC)
- CPR class Dca

new

TRIA08LP
UHD 4K PUR

triaxial camera cable
flexible, 8.4 mm Ø - PUR

- flexible silver-plated stranded inner conductor
- outer jacket from robust PUR
- max. transmission length 500-720 m (depending on camera type)

TRIA11LP
UHD 4K PUR

triaxial camera cable
flexible, 11.0 mm Ø - PUR

- flexible silver-plated stranded inner conductor
- outer jacket from robust PUR
- max. transmission length 720-1100 m (depending on camera type)

TRIA11SH
UHD 4K Eca FRNC

triaxial installation camera cable
11.0 mm Ø - FRNC - Eca

- silver-plated inner conductor + inner braid
- flame retardant and non corrosive (FRNC)
- max. transmission length ca. 900-1400 m (depending on camera type)
- CPR class Eca

CVA1C4P+
UHD 12G PUR

HDTV camera cable
1x video + 1x audio + 4x control + DC power

- 1 HDTV video cable (V10/48DZ, silver-plated)
- double, extremely dense copper braid
- 1 balanced audio cable (Intercom)
- 2 DC power cores
- 4 control cores (Tally, camera control)
- robust PUR outer jacket

camera RG

RG058-Y

`Eca` `PVC`

50 Ohm - coax cable RG58C/U
PVC - Eca

- 50 Ohm characteristic impedance
- tinned copper braid shield
- CPR class Eca

RG058-HB

`Eca` `FRNC`

50 Ohm - coax cable RG58C/U
FRNC - Eca

- 50 Ohm characteristic impedance
- tinned copper braid shield
- flame retardant and non corrosive (FRNC)
- CPR class Eca

RG213-HB-E

`Eca` `FRNC`

50 Ohm - coax cable RG213/U
FRNC - Eca

- 50 Ohm characteristic impedance
- bare copper braid shield
- flame retardant and non corrosive (FRNC)
- CPR class Eca

GA27FLEX

`Eca` `PVC`

50 Ohm - coax cable - giant
PVC - Eca

- 50 Ohm characteristic impedance
- flexible due to stranded inner conductor
- low-loss dielectric from gas injected Foam-PE
- very high screening efficiency due to double shieldung
- predestined for wireless microphone systems
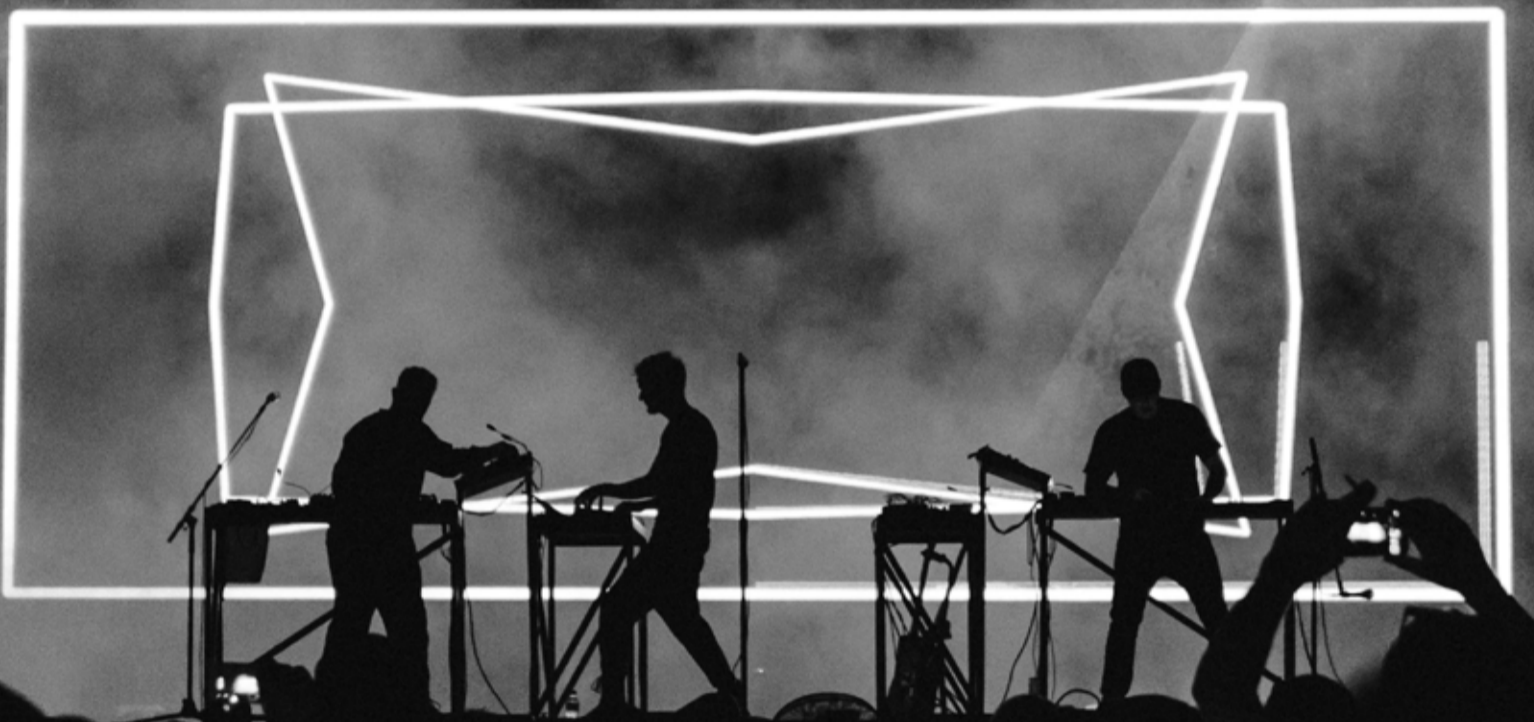- CPR class Eca

RG059-Y

`PVC`

75 Ohm - coax cable RG59B/U
PVC

- 75 Ohm characteristic impedance
- inner conductor from copper covered steel
- bare copper braid shield, 94% coverage

power
cables

Only the best ‚under current‘: the **TITANEX** Premium power cable (waterproof) and **TITANEX** highly flexible with rubber jacket.

power

PCTXP..

Eca **EM2-8**

TITANEX® PREMIUM - H07RN-F
water tight

- flexible connection cable acc. to IEC 60245-4 type 66
- water-tight acc. to H07RN8-F (AD 8)
- low temperature use (-50°C) acc.to H07BB-F
- halogen-free acc. To IEC 60754-2
- flame retardant acc. to IEC 60332-1
- CPR class Eca

PCTXS..

Eca **EM2**

TITANEX® - H07RN-F
rubber sheated

- flexible connection cable acc. to IEC 60245-4 type 66
- suitable for permanent outdoor use
- suitable for heavy-duty mechanical stress
- CPR class Eca

hybrid
cables

Special ‚combination cables' for special applications: Audio and / or video, network combined with power and / or network.

hybrid

HDO1PC15 `PVC`

hybrid cable - compact
1 x digital 110 Ohm + power 3 x 1.5 mm²

- 1 x signal cable (DMX, digital and analog audio)
- 3 x power cores (1.5 mm²)
- max. cable length on drums (VDE 0620): 60 m
- suitable for multipin connector assembly

HDO1P.. `PVC`

hybrid cable
1 x digital 110 Ohm + power 1.5 mm² / 2.5 mm²

- 1 x signal cable (DMX, digital and analog audio)
- power cable 3x1.5 mm² - HD01P15
- power cable 3x2.5 mm² - HD01P25
- max. cable length on drums: 60 m - HD01P15
- max. cable length on drums: 100 m - HD01P25
- suitable for splicing with e.g. powerCON and XLR

HC5..P15 `PVC`

hybrid cable
1 or 2 x CAT5 patch + power 1.5 mm²

- 1 x double shielded CAT5e cable (HC51P15)
- 2 x double shielded CAT5e cable (HC52P15)
- both versions with power cable 3 x 1.5 mm²

HC72P15 `PVC`

hybrid cable
2 x CAT7 patch + power 1.5 mm²

- 2 double shielded CAT7 patch cables
- power 3 x 1.5 mm²
- suitable for 10Gbit applications

new

RCSB2D2P2 `PVC`

hybrid cable
2 x RamCAT5 + 2 x digital audio + power 2.5 mm²

- 2 x RamCAT5 RC5-SB1X - solid AWG 24/1
- 2 x digital audio cables - 110 Ohm, AWG 24/7
- CAT and audio with foil and braid shield
- power cable 3x2.5 mm²

HC54A8P2 `PVC`

hybrid cable
4 x CAT5e + 8 x digital audio + power 2.5 mm²

- 4 x CAT5e data cable - solid AWG 24/1
- 8 x digital audio cables - 110 Ohm, AWG 26/7
- CAT and audio with foil shield
- power cable 3 x 2.5 mm²

HV2P15P `UHD 6GSDI` `PUR`

hybrid cable - mobile - VP
2 x HD-SDI video mobile + power 1.5 mm²

- special construction for long-term mobile HD-SDI
- stranded bare copper conductors for video elements
- very dense double tinned copper braid
- power cable 3 x 1.5 mm²
- robust PUR overall jacket

HV2RC5SB1 `UHD 6GSDI` `PVC`

hybrid cable - mobile
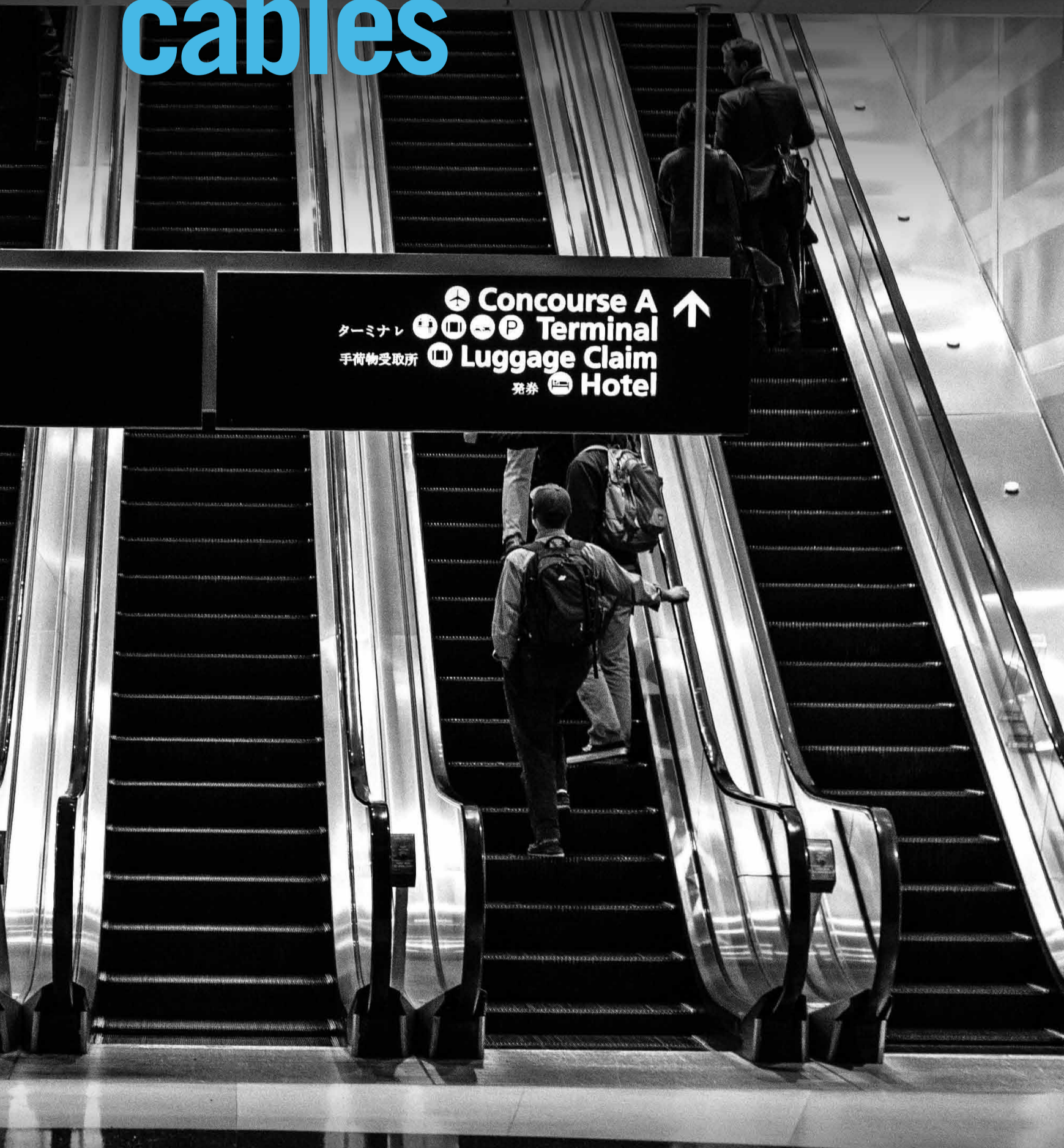**2 x HD-SDI video + RamCAT5 - solid**

- video cable suitable for mobile HD-SDI
- stranded inner conductor + double braid shield
- heavy duty CAT5e data cable
- suitable for mobile 1000Base-T up to 100m
- data cable for drag chain applications

bus + control
cables

Concourse A ✈ ↑
ターミナレ Terminal
手荷物受取所 Luggage Claim
発券 Hotel

Media Control cable (MC34P15H), PolyDATA and RS232/422 data cable.

bus + control

MC34P15H `Eca` `FRNC`

media control cable
100 Ohm 1 x 2 x 0.34 mm² + DC power

- 100 Ohm data pair 1x 2x 0.34 mm²
- DC power 2x 1.5 mm²
- flame retardant and non corrosive (FRNC)
- CPR class Eca

PDF2503 `FRNC`

PolyDATA - LiHCH [TP]
3 x 2 x 0.25 mm² FRNC

- 0.25 mm² conductor cross section
- twisted pair construction (TP)
- flame retardant and non corrosive (FRNC)

DC422CY `PVC`

100 Ohm RS232/422 data cable
2 x 2 x 0,22 mm²

- 0.22 mm² conductor cross section (AWG 24)
- 100 Ohm characteristic impedance
- double shielding (overall foil- and braid shield)

fiber optics
cables

Our Fibre Optic bulk cable models for fixed installation: Duplex-Zip, Duplex-Flat, Breakout cable, Universal F/O cable with central loose tube.
F/O cables specially designed for outdoor use: Available in single-mode, multimode and of course in different Fibre categories.

fiber optics

F-SF01.. `FRNC`

fiber optic indoor cables
SIMPLEX - I-V(ZN)H 1 x ../125

- tight buffered fibres for direct connector assembly
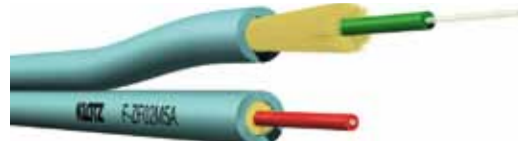- flame retardant and non corrosive (FRNC)

.. N5V - OM4 ■
.. S1H - OS2 ■

new

F-ZF02.. `FRNC`

fiber optic indoor cables
DUPLEX-ZIP - I-V(ZN)H 2 x ../125

- tight buffered fibres for direct connector assembly
- zipcord construction (figure 8 with separator)
- flame retardant and non corrosive (FRNC)

.. M5A - OM3 ■
.. N5V - OM4 ■
.. S1H - OS2 ■

F-DL02.. `FRNC`

fiber optic indoor cables
DUPLEX-Flat - I-V(ZN)HH - 2 x ../125

- flat duplex breakout cables
- semi-tight buffered fibres (strippable up to 100 cm)
- flame retardant and non corrosive (FRNC)

.. M5A - OM3 ■
.. N5V - OM4 ■
.. S1H - OS2 ■

F-BL..E `Eca` `FRNC`

fiber optic breakout cable
I-V(ZN)HH - n x OM3 / OM4 / OS2

- 4 / 8 individual cables with strain relief
- semi-tight buffered fibres (strippable up to 100 cm)
- flame retardant and non corrosive (FRNC)
- CPR class Eca

.. M5A - OM3 ■
.. N5V - OM4 ■
.. S1H - OS2 ■

exemplarily illustrated is the 4-fold F-BL04S1H-E

④ ⑧ fibers

F-UZ..D `Dca` `FRNC`

fiber optic universal cables
U-DQ(ZN)BH - n x OM3 / OS2

- central loose tube
- non-metallic rodent protection (glass rovings)
- flame retardant and non corrosive (FRNC)
- CPR class Dca - s2, d2, a1

.. M5A - OM3 ■
.. N5V - OM4 ■
.. S1H - OS2 ■

exemplarily illustrated is the 4-fold F-UZ12S1H-D

④ ⑧ fibers

F-AZ..E `PE`

fiber optic outdoor cables
A-DQ(ZN)B2Y - n x OM3

- central loose tube
- non-metallic rodent protection (glass rovings)
- PE-jacket for direct buried laying
- UV-resistant

■

④ fibers

F-AX..E `PE`

fiber optic outdoor cables
rodent secure - A-DQ(ZN)2Y(SR)2Y - n x OM3 / OS2

- central loose tube
- corrugated steel tube as metallic rodent protection
- transversal and longitudinally water protection
- PE-jacket for direct buried laying
- UV-resistant

■

④ ⑧ fibers

CAT network
cables

Probably the largest range of CAT network cables for mobile use in the live touring, event, mobile broadcast sector as well as in the theatre sector - the RamCAT cable series by KLOTZ AIS. All cables tested according to AES67 / Ravenna, Dante, AES50 SuperMAC / HyperMAC, AVB, MADI via Ethernet, GigaACE, Ethersound, RockNet by Riedel, A-Net by AVIOM, HDBase-T and 10GBase-T.

CAT network

RC5-LB1S
PUR

RamCAT5 - Flex - AWG 26/19 - S/UTP - PUR

- S/UTP (braid + unshielded twisted pairs)
- flexible, stabilizing intermediate jacket from TPE
- 4 x 2 x 0.15 mm² (AWG 26/19) - 100 Ohm
- low-temperature-flexible down to -40 °C
- robust PUR jacket
- EtherSound™ tested by Digigram up to 75m
- GLD and iLive ACE/dSnake tested by Allen&Heath up to 120m
- Dante™ tested by YAMAHA UK up to 75m

RC5-LB1V
PUR

RamCAT5 - Flex - AWG 26/19 - S/UTP - PUR

- S/UTP (braid + unshielded twisted pairs)
- flexible, stabilizing intermediate jacket from TPE
- 4 x 2 x 0.15 mm² (AWG 26/19) - 100 Ohm
- low-temperature-flexible down to -40 °C
- robust PUR jacket
- EtherSound™ tested by Digigram up to 75m
- GLD and iLive ACE/dSnake tested by Allen&Heath up to 120m
- Dante™ tested by YAMAHA UK up to 75m

RC5-LB5V
PUR

RamCAT5 - Flex multicore - AWG 26/19 - S/UTP - PUR

- protection of patented design
- 5-fold ultra-rugged data multicore
- 5 x (4 x 2 x 0.15 mm²) [AWG 26/19] - stranded conductors
- flexible, stabilizing intermediate jackets from TPE
- S/UTP elements (braid + unshielded twisted pairs)
- robust PUR jacket
- EtherSound™ tested by Digigram up to 75m

RC5-SB1X
PUR

RamCAT5 - solid - AWG 24/1 - SF/UTP - PUR

- Heavy duty CAT5e data cable, 4 x 2 x 0.52 mm (AWG 24/1)
- solid conductor
- stabilizing PE cross
- SF/UTP (overall foil + braid shield)
- robust PUR jacket
- EtherSound™ tested by Digigram up to 120m
- MADI tested by Soundcraft/ Studer up to 120m
- GLD and iLive ACE/dSnake tested by Allen&Heath up to 120m
- Dante™ tested by YAMAHA UK up to 120m

RC5-SB2
PVC

**RamCAT5 network system cable
AWG 24/1 - SF/UTP - PVC**

- 2 x RamCAT5-solid Cat5e data cable 4 x 2 x 0.52 mm (AWG 24/1)
- stabilizing PE cross
- SF/UTP (overall foil + braid shield)
- PVC element jackets, Ø 6,6 mm
- MADI tested by Soundcraft/ Studer up to 120m
- Dante™ tested by YAMAHA UK up to 120m

RC5-SB2A
PVC

**RamCAT5 & digital audio network system cable
2 x RamCAT5 + 2 x digital audio**

- 2 x RamCAT5-solid cat5e data cable 4x 2x 0.52 mm (AWG 24/1)
- stabilizing PE cross
- SF/UTP (overall foil + braid shield)
- PVC element jackets, Ø 6,6 mm
- 2 x digital audio cables, 110 Ohm, AWG 24
- EtherSound™ tested by Digigram up to 120 m

RC6-LB1RJ
PUR

**RamCAT6 - Flex
AWG 26/19 - SF/UTP - PUR**

- 4 x 2 x 0.15 mm² (AWG 26/19) - 100 Ohm
- compression resistant construction due to a PE cross
- robust PUR outer jacket
- low-temperature-flexible down to -40 °C
- suitable for drag chains and cable drums
- compatible to most standard RJ45 connectors
- 10 GBase-T links up to 60 m

RC6A-SB1X
PUR

**RamCAT6A - solid
AWG 23/1 - SF/UTP - PUR**

- 4 x 2 x 0.57 mm (AWG 23/1) low loss solid conductors
- compression resistant construction due to a PE cross
- stabilizing inner jacket
- SF/UTP (double overall shielding)
- robust PUR outer jacket
- 10GBase-T links (Channel EA) up to 100 m

CAT network

C5PSY `PVC`

CAT5e patch cable
AWG 26/7 - SF/UTP - PVC

- SF/UTP (overall foil + braid shield)
- 4 x 2 x AWG 26/7 - 200 MHz
- category 5e acc. to IEC 61156-6

C5PSP `PUR`

CAT5e patch cable
AWG 26/7 - SF/UTP - PUR

- SF/UTP (overall foil + braid shield)
- 4 x 2 x AWG 26/7 - 200 MHz
- category 5e acc. to IEC 61156-6
- robust PUR jacket

C5SFUEH-D `Dca` `FRNC`

CAT5e data cable
AWG 24/1 - SF/UTP - FRNC Dca

- SF/UTP (overall foil + braid shield)
- 4 x 2 x 0,52 mm (AWG 24/1) - solid conductors
- flame retardant and non-corrosive (FRNC)
- CPR class Dca - s1, d1, a1

C6ASFEY04 `Fca` `FRNC`

MulitCAT6A - 4 x (4 x 2 x AWG23/1)
S/FTP - 500 MHz - PVC

- low loss AWG23/1 solid conductors
- S/FTP (overall braid shield + foil shielded twisted pairs)
- 10GBase-T links up to 100 m
- CPR class Fca

C7P06Y `PVC`

CAT7 patch cable
AWG 26/7 - S/FTP - 600 MHz - PVC

- 4 x 2 x AWG 26/7 - 600 MHz
- S/FTP (overall braid shield + foil shielded twisted pairs)
- category 7 acc. to IEC 61156-6

C7P06P `PUR`

CAT7 patch cable
AWG 26/7 - S/FTP - 600 MHz - PUR

- 4 x 2 x AWG 26/7 - 600 MHz
- S/FTP (overall braid shield + foil shielded twisted pairs)
- category 7 acc. to IEC 61156-6
- robust PUR jacket

C7A12EH-D `Dca` `FRNC`

CAT7A data cable
AWG 22/1 - S/FTP - 1200 MHz - FRNC Dca

- 4 x 2 x AWG 22/1 - 100 Ohm
- S/FTP (overall braid shield + foil shielded twisted pairs)
- category 7 augmented - acc. to IEC 61156-5
- flame retardant and non-corrosive (FRNC)
- CPR class Dca - s2, d2, a1
- category 7 augmented - acc. to IEC 61156-5

environment
responsibility

As an internationally operating company, we believe that responsibility for our environment and conservation of resources is our task and our duty for the present and future generations.

As a manufacturer of ground-breaking products, we have adopted a pioneering role in environmental protection and conservation as a matter of utmost priority. In our view, the use of low-toxicity raw materials and the minimization of our ecological footprint is not only an urgent necessity, but also an honourable duty.

We therefore introduced compliance with the terms of the EU's RoHS (Restriction of Hazardous Substances in Electrical and Electronic Equipment) directive in our company many years ago, long before it actually came into force; our suppliers can vouch for the RoHS compliance of the connectors we use.

We have significantly lowered our carbon emissions (with certificate), and ensured that our new production hall has improved insulation in line with the German Energy Saving Ordinance ENEV from 2009.

These measures ensure that we contribute towards protecting the environment.

The RoHS Directive, or the directive on the restriction of the use of certain hazardous substances in electrical and electronic equipment 200/95/EC' was adopted in January 2003 by the European Parliament and European Council and was implemented into German national law in March 2005.

The aim of the directive is to minimize risks to people and the environment by reducing toxins in the production, use and disposal of electrical and electronic products.

It has therefore prohibited the use of lead and other toxic heavy metals, including mercury, cadmium, hexavalent chromium and flame-retardants such as PBB (polybrominated biphenyls) and PBDE (polyfarominated diphenyl ethers) in electrical and electronic products.

These include products such as household appliances, IT and telecommunications equipment and consumer electronics.

KLOTZ interfaces

the signal masters

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