

NOVACORD

MULTICORE 8P 26/7 DMX FRNC/LSZH-C



Tinned Copper



Analog and digital signals



One inner and two overall screens

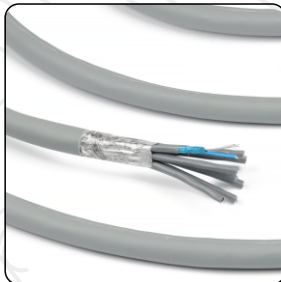


Pure signal transmission of 8x2 cores



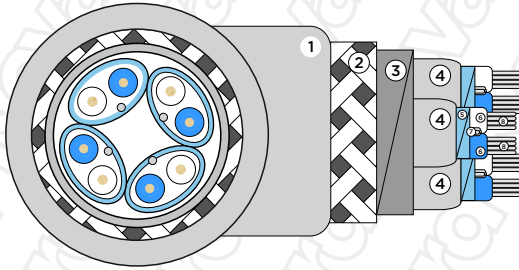
Audio cables are used in professional broadcast systems to transmit analog and digital AES/EBU audio signals. The cable contains 8 pairs of twisted two copper cores. Each pair is protected by its own aluminum foil screen, as well as the cable has two overall screens - aluminum foil and braid tinned copper screens. Cable designed to avoid the release of toxic matter in case of fire because they do not contain any halogens.

Pictures:



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Multicore audio cable 8P 26/7 DMX, AWG 26, FRNC/LSZH-C, IEC 60332-3-24



- 1 - Jacket
- 2 - Overall screen #1
- 3 - Overall screen #2
- 4 - Pair jacket
- 5 - Pair screen
- 6 - Insulation
- 7 - Drain wire
- 8 - Conductor

Structure

| | | |
|--------------------------|-------------------------------|----------------------------------|
| Conductor | Cross Sec. Area | 0.14 mm ² , Ø 0.48 mm |
| | No. of Cores | 16 cores |
| | Material | Tinned copper |
| | Type of conductor | Stranded |
| | Strands | 7/0.16 mm |
| Insulation | Material | FPE |
| | Diameter | 1.4 ±0.1 mm |
| | Color | Blue, White |
| Pair stranding | Two cores twisted to the pair | |
| Pair screen #1 | Material | Aluminum Foil |
| | Diameter | Ø 2.5 mm |
| Pair screen #2 | Type | Drain wire |
| | Material | Tinned OFC |
| | Composition | 7/0.16±0.008 mm |
| Pair jacket | Material | LSZH-FR |
| | Diameter | Ø 3.3 mm |
| Overall Screen #2 | Material | Aluminum Foil |
| Overall Screen #1 | Material | Tinned copper |
| | Type | Braid |
| | Covering | 80% |
| Jacket | Material | FRNC/LSZH-C |
| | Diameter | 11.9±0.2 mm |
| | Color | Grey, RAL7001 |

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Mechanical properties

| | | |
|-------------------|----------------|-----------------------|
| Bending radius | without load | 10xD (outer diameter) |
| | with load | 15xD (outer diameter) |
| Temperature range | -30°C to +70°C | |

Electrical properties

| | |
|---|---------------|
| DC loop Resistance | ≤ 288 Ω/km |
| Insulation resistance | ≥ 2000 MΩ/km |
| Mutual capacitance at 800 Hz | nom. 45 nF/km |
| Test voltage | 700 V |
| Capacitance unbalance (pair to ground) | ≤ 1200 pF/km |
| Velocity ratio | approx. 78% |
| Characteristic impedance | 110 Ω ± 10% |

Standarts

| | |
|------------------|----------------|
| Flame resistance | IEC 60332-3-24 |
| Amt of Halogen | zero |

Technical data

| Article | Delivery length | Drum size | Weight |
|---------|-----------------|-------------|--------|
| 500DW | 500 m | 400/160/200 | 85 kg |

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