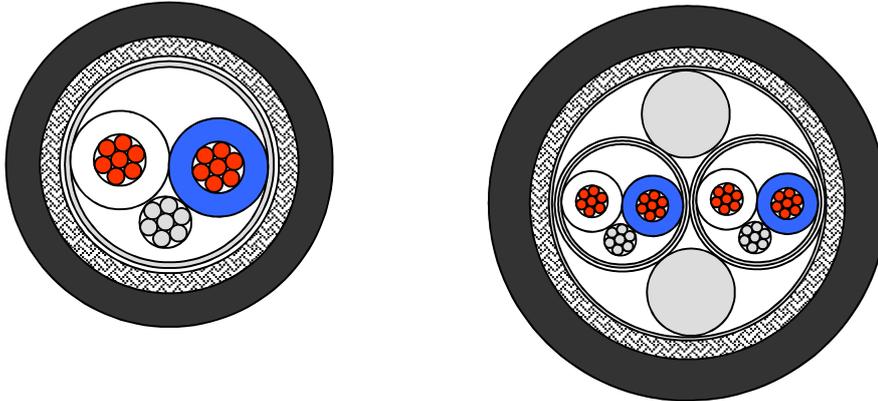


AC10 SS 26/7 1P

AC10 SS 26/7 2P

Audio Cable



Application

Audio cables are used in professional broadcasting systems for the transmission of analogue and digital audio signals.

Standards

basing upon ARD-Specification and acc. to AES/EBU-Recommendation

Flame resistance

Not for fixed installation in construction works

Construction

| | | |
|---|--|-----------|
| Conductor | stranded copper wires, bare, AWG26/7(7x0.16 mm) (cross section 0.14 mm ²) | ∅ 0.48 mm |
| Insulation | Foam-skin-PE, diameter 1.2 mm | ∅ 1.2 mm |
| Pair stranding | two cores twisted to the pair | ∅ 2.4 mm |
| Pair identification | a - core: white, b - core: blue | |
| Pair screen | Al-PET-foil, Aluminium inside + stranded copper drain wires, tinned | ∅ 2.5 mm |
| Pair insulation | PET-foil | |
| Bundle wrapping (only for the two pair cable) | PET-foil | |
| Overall screen | copper braid, tinned | |
| Sheath | PVC/rubber | |
| Sheath colour | matt black RAL 9005 | |
| Sheath marking | DRAKA – AC10 SS 26/7 1P(or 2P) AES/EBU - 110 Ω | |

AC10 SS 26/7 1P

AC10 SS 26/7 2P

Mechanical properties

at 20°C

| | | |
|------------------------------------|---------------------|-----------------------|
| Bending radius during installation | with load | ≥ 10 x cable diameter |
| | without load | ≥ 15 x cable diameter |
| Temperature range | - 30 °C bis + 70 °C | |

Electrical properties

at 20°C

| | | |
|--|---------------------|-----------|
| DC loop resistance | ≤ 288 Ω/km | |
| Insulation resistance | ≥ 2000 MΩxkm | |
| Mutual capacitance at 800 Hz | nom. 45 nF/km | |
| Capacitance unbalance (pair to ground) | ≤ 1200 pF/km | |
| Velocity ratio | approx. 78 % | |
| Test voltage (50 Hz, 1 min) core/core and core/screen | 700 V rms | |
| Characteristic impedance | 6 MHz : 110 Ω ± 10% | |
| Transfer impedance | up to 10 MHz | ≤ 10 mΩ/m |
| | up to 100 MHz | ≤ 10 mΩ/m |

Electrical data

at 20°C

| Frequency | Near-end crosstalk (cable length: 300 m) | Attenuation |
|-----------|--|-------------|
| [MHz] | [dB] | [dB/100m] |
| 0.015 | 85 | 0.55 |
| 1.0 | 85 | 3.0 |
| 4.0 | 90 | 5.3 |
| 10.0 | 90 | 8.1 |
| 20.0 | 85 | 11.5 |

Technical data

| Product code | Designation | Type | Brandname | Outer diameter | Weight | Standard delivery length | Drum size | Gross weight | Copper content | Tensile force |
|----------------------|-------------|-------------------|-------------------------------|----------------|--------|--------------------------|-----------|--------------|----------------|---------------|
| | | | | mm | Kg/km | m | EW | kg | | N |
| 1001978 CT2757401 | Li-02YSCY | 1x2x0.48L PiMF | AC10 SS 26/7 1P PVC/rubber | 4.0 ± 0.2 | 20 | 1000 | 050 | 24 | 12.5 | 50 |
| 1001980 CT2757501 | Li-02YSCY | 2x2x0.48L PiMF | AC10 SS 26/7 2P PVC/rubber | 6.9 ± 0.2 | 60 | 1000 | 071 | 85 | 30 | 150 |

[PRODUCT CODE TABLE]

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