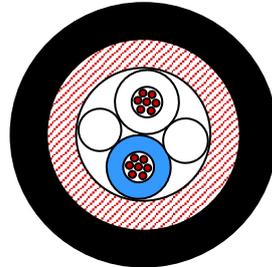


XLR PRO FLEX analogue / digital 2 x 0.34mm²

Microphone Cable



Application

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

Standards

AES/EBU and analogue Audio

Construction

| | |
|----------------|--|
| Conductor | stranded copper wires, bare, (48x0.10), diameter = 0.8 mm |
| Insulation | Foam-PE + skin-layer, diameter = 1.5 mm |
| Identification | a - core: white; b - core: blue |
| Stranding | two cores twisted to the bundle + cotton filler, diameter = 3.0 mm |
| Screen | spiralled wires, CU bare, diameter = 3.2 mm |
| Sheath | PVC, diameter = 6.5 mm ± 0.2 mm black, RAL 9005 |
| Printing | DRAKA - XLR PRO FLEX 2x0.34mm ² analogue / digital - 110 Ω Made in Germany Eca |

XLR PRO FLEX analogue / digital 2 x 0.34mm²

Mechanical properties

| | | |
|------------------------|---------------------|---|
| Minimum bending radius | without load | $\geq 4 \times D$ (D= outer diameter) |
| | with load | $\geq 8 \times D$ (D= outer diameter) |
| Temperature range | during operation | - 20° C to + 70° C |
| | during installation | - 5° C to + 50° C |

Electrical properties

at 20°C

| | | |
|--------------------------|---------------------------------------|--|
| Loop resistance | | $\leq 45 \Omega/\text{km}$ |
| Insulation resistance | 500 V | $\geq 200 \text{ M}\Omega \cdot \text{km}$ |
| Mutual capacitance | 800 Hz | nom. 45 nF/km |
| Velocity ratio | | ca .78% |
| Test voltage | (DC. 1 min) core/core and core/screen | 1000 V |
| Characteristic impedance | 6 MHz | $110 \Omega \pm 10 \%$ |

Electrical data

at 20°C

| Frequency (MHz) | Attenuation (dB/100m) |
|-----------------|-----------------------|
| 0.015 | 0.3 |
| 1.0 | 1.5 |
| 4.0 | 3.8 |
| 10.0 | 6.0 |
| 20.0 | 8.5 |

Technical data

| Product code | Designation | Type | Brand name | Outer diameter mm | Weight kg/km | Standard delivery length m | Drum size PWD/CBS | Gross weight kg | Copper content | Tensile force N |
|--------------|-------------|-----------------------|--------------|-------------------|--------------|----------------------------|-------------------|-----------------|----------------|-----------------|
| | Li-02YSDY | 1x2x0.34 ² | XLR PRO FLEX | 6.5 | 54 | 1000 | 600/200/310 | 59 | 15 | 100 |