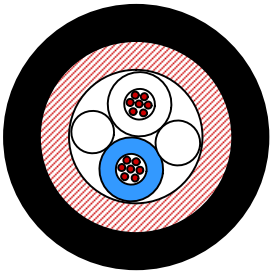
XLR PRO FLEX analogue / digital



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, diameter 0.60 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	DMC FLEX PVC, diameter 6.5 mm ± 0.2 mm black, RAL 9005
Printing	**DRAKA** – XLR PRO FLEX analogue / digital – 110 Ω

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Mechanical properties

Minimum bending radius	without load	≥ 4 x D (D= outer diameter)
	with load	≥ 8 x D (D= outer diameter)
Temperature range	during operation	- 30° C to + 70° C
	during installation	- 5° C to + 50° C

Electrical properties

at 20°C

Loop resistance		≤ 175 Ω/km
Insulation resistance	500 V	≥ 2000 MΩ*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 Ω ± 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
1018270	Li-02YSDY	1x2x0.22²	XLR PRO FLEX	6.5	50	1000/ 200	500/200/310	53.5/10.5	12.2	55