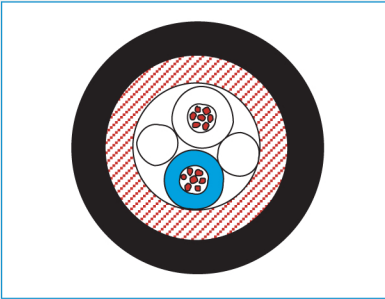


XLR PRO FLEX analogue / digital



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
Outer Diameter	Nom. 6.5 mm
Weight	Nom. 50 kg/km
Tensile force N	55

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

Ordering Information

P/N	Product Description	P,U
1018270	1x2x0.22 ² , XLR PRO FLEX analogue / digital	1000m/drum