

NOVACORD

MULTICORE 2P 23/1 DMX FRNC/LSZH-C



Oxygen Free
Copper 99,9%



Analog and
digital signals



One inner and
two overall screens



Pure signal
transmission
of 4x2 cores



Audio cables are used in professional broadcast systems to transmit analog and digital AES/EBU audio signals. The cable contains 2 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.

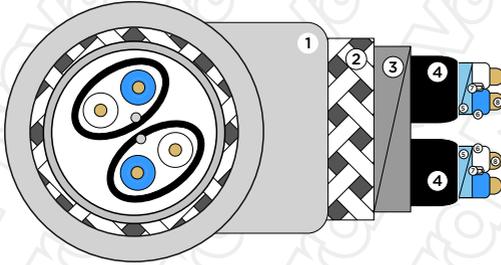
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Multicore audio cable 2P 23/1 DMX, AWG 23, FRNC-C/LSZH, IEC 60332-3-24



- 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	0.26 mm ² Ø 0.56 mm
	No. of Cores	4 cores
	Material	OFC
	Type of conductor	Solid
	Strands	1/0.56 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	85%
Jacket	Material	FRNC/LSZH-C
	Diameter	8.3±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	≤ 165 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
300DW	300 m	400/160/200	36.5 kg

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