

# NOVACORD

## DMX 2x0.34 PVC



Oxygen Free Copper  
99,9%



Flexible  
construction

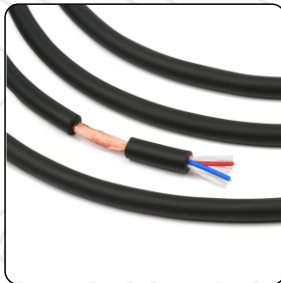
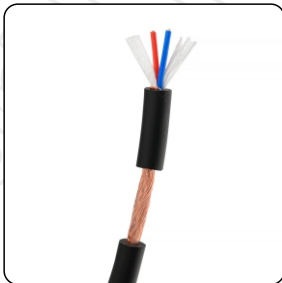


Pure signal  
transmission



Our high-performance mic cable Novacord is especially tailored to be used in the studio and on stage. Its structure: a 48 x 0.10 mm highly pure copper (OFC) strand design with a core cross-section of 0.34 mm<sup>2</sup>. The cable is easily reelable, allows a neat, trim layout without entangling and withstands the strain of LIVE performances without problems.

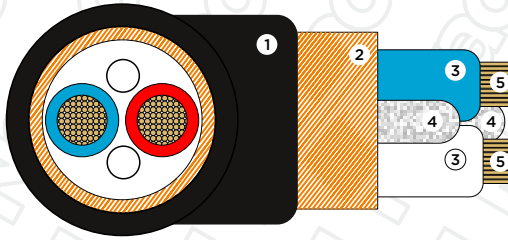
Pictures:



**HIGHEST QUALITY - RELIABILITY - INNOVATION**

Novacord

# DMX cable 2x0.34 AES/EBU, AWG 22, PVC, IEC 60332-1



- 1 - Jacket
- 2 - Screen
- 3 - Insulation
- 4 - Filler
- 5 - Conductor

## Structure

<b>Conductor</b>	<b>Cross Sec. Area</b>	0.34 mm <sup>2</sup> , Ø 0.8 mm
	<b>No. of Cores</b>	2 cores
	<b>Material</b>	OFC
	<b>Type of conductor</b>	Stranded
	<b>Strands</b>	48/0.1±0.008 mm
<b>Insulation</b>	<b>Material</b>	PVC
	<b>Diameter</b>	1.5 ±0.1 mm
	<b>Color</b>	Blue, White
<b>Filler</b>		Cotton yarn x 2
<b>Screen</b>	<b>Material</b>	OFC
	<b>Type</b>	Spiral
	<b>Covering</b>	80%
<b>Jacket</b>	<b>Material</b>	PVC
	<b>Diameter</b>	6.5±0.2 mm
	<b>Color</b>	Matt black, RAL9005

## Mechanical properties

Bending radius	without load	24 mm / 4xD (outer diameter)
	with load	48 mm / 8xD (outer diameter)
Max pull tension		70 N
Temperature range		-30°C to +70°C

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## Electrical properties

at 20 °C

DC Resistance	≤ 58 Ω/km
Loop resistance	≤ 45 Ω/km
Mutual capacitance	45 nF/m
Velocity ration	ca. 78%
Characteristic impedance	110 Ω ± 10%
Insulation resistance	≥ 2000 MΩ/km
Test voltage	1000 V

## Electrical data

at 20 °C

Frequency (MHz)	Attenuation (dB/100m)
0.015	0.3
1	1.5
10	6.0
20	8.5

## Standarts

Flame resistance	IEC 60332-1
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## Technical data

Article	Delivery length	Drum size	Weight
100DW	100 m	300/110/135	5.9 kg
500DW	500 m	400/160/200	29.5 kg

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