

# NOVACORD

DMX LIGHT CONTROL PAT.512 PVC



Oxygen Free Copper  
99,9%



Flexible  
construction



Pure signal  
transmission

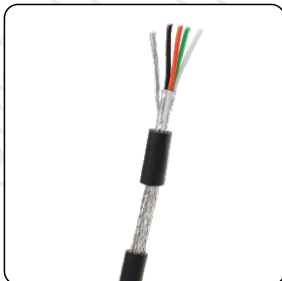


Double  
screen



High-grade data cable with 4 conductors for a safe (110  $\Omega$  DMX or AES/EBU) signal transmission. To prevent electrical interferences, the two conductors are protected by one aluminum foil shield each and a Cu spiral wound screen. Despite of this sophisticated interior design/structure this cable is highly flexible and bendable. All these factors make the Novacord a suitable cable for mobile lighting truss installations as well as for fixed installations.

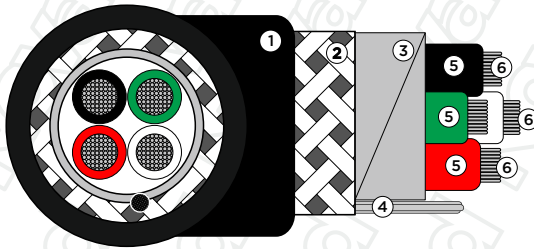
Pictures:



**HIGHEST QUALITY - RELIABILITY - INNOVATION**

Novacord

# DMX cable PAT.512 2x2x0.34, AWG 22, PVC, IEC 60332-1



- 1 - Jacket
- 2 - Screen #1
- 3 - Screen #2
- 4 - Drain wire
- 5 - Insulation
- 6 - Conductor

## Structure

<b>Conductor</b>	<b>Cross Sec. Area</b>	0.34 mm <sup>2</sup> Ø 0.78 mm
	<b>No. of Cores</b>	4 cores
	<b>Material</b>	Tinned OFC
	<b>Type of conductor</b>	Stranded
	<b>Strands</b>	7/0.26±0.008 mm
<b>Insulation</b>	<b>Material</b>	PE
	<b>Diameter</b>	1.3 ±0.1 mm
	<b>Color</b>	Blue, Red, Green, White
<b>Screen #1</b>	<b>Type</b>	Drain wire
	<b>Material</b>	Tinned OFC
	<b>Composition</b>	7/0.26±0.008 mm
<b>Screen #2</b>	<b>Material</b>	Aluminum foil
<b>Screen #3</b>	<b>Type</b>	Braid
	<b>Material</b>	Tinned OFC
	<b>Composition</b>	112/0.12±0.008 mm, 80%
<b>Jacket</b>	<b>Material</b>	PVC
	<b>Diameter</b>	6.0±0.2 mm
	<b>Color</b>	Matt Black, RAL9005

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## Mechanical properties

Bending radius 48 mm / 8xD (outer diameter)

Temperature range -30°C to +70°C

## Electrical properties

at 20 °C

Conductor DCR  $\leq 51 \Omega/\text{km}$

Shield DCR 15  $\Omega/\text{km}$

Capacitance con. to con. 70 pF/m

con. to screen 112 pF/m

Insulation resistance  $\geq 2000 \text{ M}\Omega/\text{km}$

Nominal inductance 0.68  $\mu\text{H}/\text{m}$

## Electrical data

at 20 °C

Frequency (MHz) Attenuation (dB/100m)

1.0 2.9

## Standarts

Flame resistance IEC 60332-1

## Technical data

Article	Delivery length	Drum size	Weight
500DW	500 m	400/160/200	31.75 kg
1000DW	1000 m	500/250/310	64 kg

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