

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 Ω 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.

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<https://muzcentre.ru>

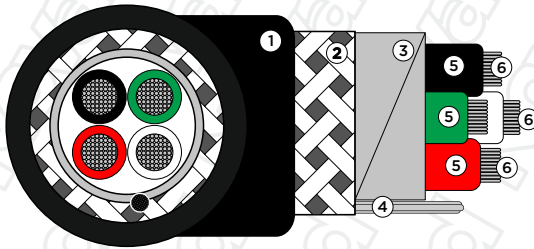
Pictures:



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

Conductor	Cross Sec. Area	0.34 mm ² Ø 0.78 mm
	No. of Cores	4 cores
	Material	Tinned OFC
	Type of conductor	Stranded
	Strands	7/0.26±0.008 mm
Insulation	Material	PE
	Diameter	1.3 ±0.1 mm
	Color	Blue, Red, Green, White
Screen #1	Type	Drain wire
	Material	Tinned OFC
	Composition	7/0.26±0.008 mm
Screen #2	Material	Aluminum foil
Screen #3	Type	Braid
	Material	Tinned OFC
	Composition	112/0.12±0.008 mm, 80%
Jacket	Material	PVC
	Diameter	6.0±0.2 mm
	Color	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	≤ 51 Ω/km
Shield DCR	15 Ω/km
Capacitance	con. to con. 70 pF/m
	con. to screen 112 pF/m
Insulation resistance	≥ 2000 MΩ/km
Nominal inductance	0.68 μH/m

Electrical data

at 20 °C

Frequency (MHz)	Attenuation (dB/100m)
1.0	2.9

Standarts

Flame resistance	IEC 60332-1
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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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