

NOVACORD

DMX LIGHT CONTROL PAT.512 FRNC/LSZH-C



Oxygen Free Copper
99,9%



Flexible
construction



Pure signal
transmission

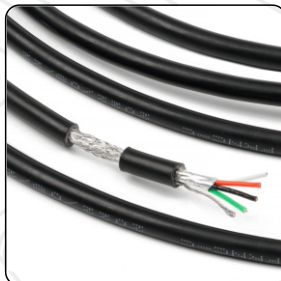


Double
screen



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. Cable designed to avoid the release of toxic matter in case of fire because they do not contain any halogens.

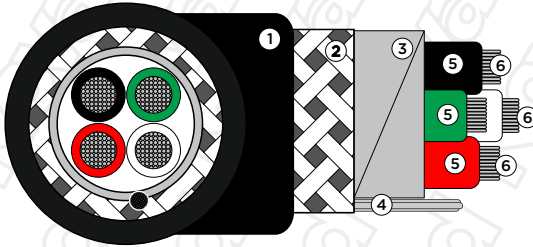
Pictures:



HIGHEST QUALITY - RELIABILITY - INNOVATION

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**DMX cable PAT.512 2x2x0.34, AWG 22, FRNC/LSZH-C,
IEC 60332-3-24**



- 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	FRNC/LSZH-C
	Diameter	6.0±0.2 mm
	Color	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 60332-3-24
Amt of Halogen	zero

Technical data

Article	Delivery length	Drum size	Weight
500DW	500 m	400/160/200	33 kg
1000DW	1000 m	500/250/310	66 kg

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