

NOVACORD

HD PRO 1.0/4.8 FRNC/LSZH



Oxygen Free Copper
99,9%



Pure signal
transmission



Double
screen



Standard
of coaxial cable



Video cables are primary used in closed circuit TV systems and in several studio applications for transmission of image signals. For analogue and digital video signals (Composite, Component, SDI, SDV, SDTI, HDTV). Cable designed to avoid the release of toxic matter in case of fire because they do not contain any halogens.

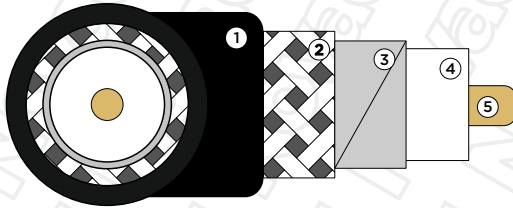
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Novacord

Coaxial cable 1.0/4.8, RG6, FRNC/LSZH, 75 Ohm



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

Structure

Conductor	Cross Sec. Area	0.78 mm ² Ø 1.0 mm
	No. of Cores	1 core
	Material	OFC
	Type of conductor	Solid
	Strands	1/1.05±0.02 mm
Insulation	Material	Foam PE
	Diameter	4.8 ±0.1 mm
	Color	White
Screen #1	Material	Aluminum Foil
Screen #2	Type	Braid
	Material	Tinned OFC
	Composition	160/0.12±0.008 mm, 80%
Jacket	Material	FRNC/LSZH
	Diameter	7.0±0.2 mm
	Color	Black, RAL9005

Mechanical properties

Bending radius	56 mm / 8xD (outer diameter)
Temperature range	-30°C to +70°C

Coaxial cable 1.0/4.8, RG6, FRNC/LSZH, 75 Ωm

Electrical properties

at 20 °C

DC Resistance	inner conductor	≤ 22 Ω/km
	outer conductor	≤ 7 Ω/km
Capacitance		53 pF/m
Characteristic impedance		75 Ω ± 1
Velocity ratio		78%
Screening factor		≥ 100 dB

Electrical data

at 20 °C

Frequency (MHz)	Attenuation (dB/100m)
1.0	0.8
3.0	1.3
5.0	1.6
10	2.1
30	3.5
100	6.2
200	8.9
300	11.3
500	14.8
800	18.5
1000	20.7
1500	24.9
2250	31.7
3000	37.3
3500	41.5
4000	47.2
4500	51.2
5000	55.1

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Electrical data

at 20 °C

Frequency (MHz)	Return loss (dB)
50-300	≥ 26
300-3000	≥ 22
3000-3500	≥ 18
3500-5000	≥ 15

Standarts

Flame resistance	IEC 60332-3-21
Amt of Halogen	zero

Technical data

Article	Delivery length	Drum size	Weight
1000DW	1000 m	500/250/310	63.1 kg

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