

# NOVACORD

## UHD PRO 1.3/5.7 SS FRNC-C/LSZH



Oxygen Free Copper  
99,9%



Pure signal  
transmission



Triple  
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. One of the features of the cable is a triple screen.

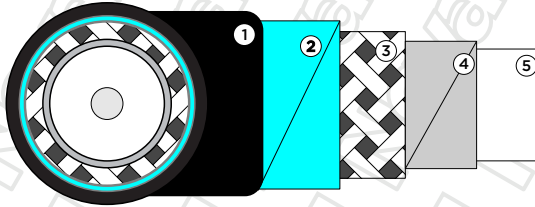
Pictures:



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Novacord

# Coaxial cable 1.3/5.7 silvered, RG7, FRNC-C/LSZH, 75 Ohm



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

## Structure

<b>Conductor</b>	<b>Cross Sec. Area</b>	1.35 mm <sup>2</sup> Ø 1.3 mm
	<b>No. of Cores</b>	1 core
	<b>Material</b>	Silvered copper
	<b>Type of conductor</b>	Solid
	<b>Strands</b>	1/1.3±0.02 mm
<b>Insulation</b>	<b>Material</b>	FHDPE
	<b>Diameter</b>	5.7 ±0.1 mm
	<b>Color</b>	White
<b>Screen #1</b>	<b>Material</b>	Aluminum DuoFoil
<b>Screen #2</b>	<b>Type</b>	Braid
	<b>Material</b>	Tinned OFC
	<b>Composition</b>	160/0.12±0.008 mm, 95%
<b>Screen #3</b>	<b>Material</b>	Aluminum Foil
<b>Jacket</b>	<b>Material</b>	FRNC-C/LSZH
	<b>Diameter</b>	8.1 ±0.2 mm
	<b>Color</b>	Black, RAL9005

## Mechanical properties

Bending radius	80 mm / 10xD (outer diameter)
Max pulling tension	500 N
Temperature range	-30°C to +70°C

# Coaxial cable 1.3/5.7 silvered, RG7, FRNC-C/LSZH, 75 Ωm

## Electrical properties

at 20 °C

DC Resistance	inner conductor	≤ 13.2 Ω/km
	outer conductor	≤ 6.2 Ω/km
Capacitance		52.5 pF/m
Characteristic impedance		75 Ω ± 1

## Electrical data

at 20 °C

Frequency (MHz)	Attenuation (dB/100m)
1.0	0.68
10.0	1.89
71.5	3.9
135	5.25
270	6.77
360	8.28
540	10.28
720	12.1
750	12.9
1000	14.1
1500	17.5
2250	21.75
3000	26.0
4500	32.1
6000	37.41
12000	58.5

## Electrical data

at 20 °C

Frequency (MHz)	Return loss (dB)
5-1600	23
1600-4500	21
4500-12000	15

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## Standarts

Flame resistance IEC 60332-3-24

Amt of Halogen zero

## Technical data

Article	Delivery length	Drum size	Weight
1000DW	1000 m	500/250/310	91 kg

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