

NOVACORD

UHD PRO 1.63/7.1 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.

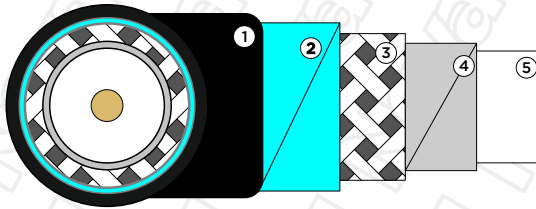
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Coaxial cable 1.63/7.1 silvered, RG11, FRNC-C/LSZH, 75 Ohm



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

Structure

Conductor	Cross Sec. Area	2,14 mm ² Ø 1,63 mm
	No. of Cores	1 core
	Material	Silvered copper
	Type of conductor	Solid
	Strands	1/1,63±0,02 mm
Insulation	Material	FHDPE
	Diameter	7,11 ±0,1 mm
	Color	White
Screen #1	Material	Aluminum DuoFoil
Screen #2	Type	Braid
	Material	Tinned OFC
	Composition	160/0,12±0,008 mm, 95%
Screen #3	Material	Aluminum Foil
Jacket	Material	FRNC-C/LSZH
	Diameter	10,3±0,2 mm
	Color	Black, RAL9005

Mechanical properties

Bending radius	90 mm / 8xD (outer diameter)
Max pulling tension	650 N
Temperature range	-30°C to +70°C

Coaxial cable 1.63/7.1 silvered, RG11, FRNC-C/LSZH, 75 Ωm

Electrical properties

at 20 °C

DC Resistance	inner conductor	≤ 8.2 Ω/km
	outer conductor	≤ 4.9 Ω/km
Capacitance		50.9 pF/m
Characteristic impedance		75 Ω ± 1

Electrical data

at 20 °C

Frequency (MHz)	Attenuation (dB/100m)
1.0	0.48
10.0	1.35
55	2.85
100	3.75
180	4.83
360	6.81
540	8.73
720	9.2
750	10.5
1000	11.67
1500	15.0
2250	18.6
3000	21.9
4500	27.43
6000	31.33
12000	49.17

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Electrical data

at 20 °C

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

Standards

Flame resistance	IEC 60332-3-24
Amt of Halogen	zero

Technical data

Article	Delivery length	Drum size	Weight
1000DW	1000 m	500/250/310	140 kg

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