NOVACORD

HD PRO 1.63/7.1 FRNC-C/LSZH

Cu 29 — **Oxygen Free Copper 99,9%**

Pure signal transmission

Double screen

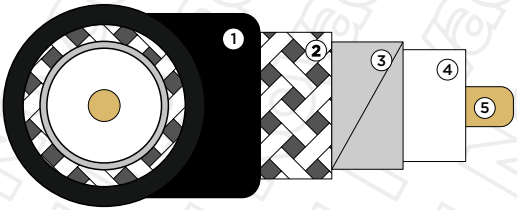
RG 11 — **Standard of coaxial cable**

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.

Pictures:

HIGHEST QUALITY - RELIABILITY - INNOVATION

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



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

Structure

Conductor	**Cross Sec. Area**	2.14 mm ^{2} Ø 1.63 mm
	No. of Cores	1 core
	Material	OFC
	Type of conductor	Solid
	Strands	1/1.63±0.02 mm
Insulation	**Material**	Foamed PE
	Diameter	7.11 ±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-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

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Electrical properties		at 20 °C
DC Resistance	inner conductor	≤ 8.2 Ω/km
	outer conductor	≤ 5.7 Ω/km
Capacitance		53 pF/m
Characteristic impedence		75 Ω ± 1

Electrical data	at 20 °C
Frequency (MHz)	Attenuation (dB/100m)
1.0	0.5
10.0	1.5
71.5	3.6
135	4.8
270	6.9
360	8.0
540	10.0
720	11.7
750	12.0
1000	14.1
1500	18.0
2250	22.6
3000	26.9
4500	34.1

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Electrical data

at 20 °C

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

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	125.4 kg