

NOVACORD

HD PRO 0.8/3.7 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.

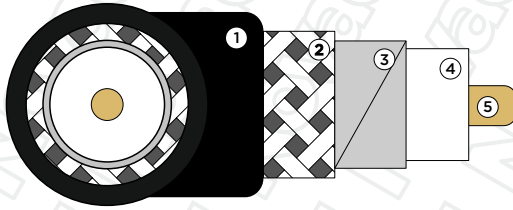
Pictures:



HIGHEST QUALITY - RELIABILITY - INNOVATION

Novacord

Coaxial cable 0.8/3.7, RG59, FRNC/LSZH, 75 Ohm



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

Structure

Conductor	Cross Sec. Area	0.5 mm ² Ø 0.8 mm
	No. of Cores	1 core
	Material	OFC
	Type of conductor	Solid
	Strands	1/0.8±0.02 mm
Insulation	Material	Foam PE
	Diameter	3.7 ±0.1 mm
	Color	White
Screen #1	Material	Aluminum Foil
Screen #2	Type	Braid
	Material	Tinned OFC
	Composition	192/0.1±0.008 mm, 80%
Jacket	Material	FRNC/LSZH
	Diameter	6.0±0.2 mm
	Color	Black, RAL9005

Mechanical properties

Bending radius	48 mm / 8xD (outer diameter)
Temperature range	-30°C to +70°C

Coaxial cable 0.8/3.7, RG59, FRNC/LSZH, 75 Ωm

Electrical properties

at 20 °C

DC Resistance	inner conductor	≤ 35 Ω/km
	outer conductor	≤ 12 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	0.9
3.0	1.5
5.0	1.9
10	2.7
30	4.4
100	7.9
200	10.9
300	13.3
500	17.6
800	22.8
1000	25.5
1500	30.6
2250	39.5
3000	46.5
3500	51.7
4000	56.2
4500	60.1
5000	65.3

Coaxial cable 0.8/3.7, RG59, FRNC/LSZH, 75 Ohm

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	48.9 kg

© NOVACORD Inc. 2022 All Rights Reserved

All sizes and values without tolerances are reference values. Specifications are for product as supplied by Novacord Inc. Although Novacord makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission.

Novacord Inc. provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Novacord be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Novacord has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

The information contained within this document must not be copied, reprinted or reproduced in any form, either wholly or in part, without the written consent of Novacord Inc. The information is believed to be correct at the time of issue. Novacord Inc. reserves the right to amend this specification without prior notice. This specification is not contractually valid unless specifically authorised by Novacord Inc.

HIGHEST QUALITY - RELIABILITY - INNOVATION

novacord.de