

# NOVACORD

PRO-50 2.6/7.1 FRNC-C/LSZH



OFC Copper



Pure signal  
transmission



Double screen



Standard  
of coaxial cable



High-frequency coaxial cable, for low-loss RF radio communication systems. Coaxial cable used in cable broadband communication networks designed according the European Standard EN 50290-2-20. Operating at frequencies between 5 MHz and 10000 Mhz. Cable designed to avoid the release of toxic matter in case of fire because they do not contain any halogens.

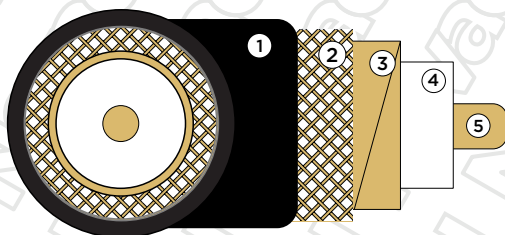
Pictures:



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## Coaxial cable 2.6/7.1, RG8, FRNC-C/LSZH, 50 Ohm



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

### Structure

Conductor	Cross Sec. Area	5.3 mm <sup>2</sup> Ø 2.6 mm
	No. of Cores	1 core
	Material	OFC
	Type of conductor	Solid
	Strands	1/2.6±0.02 mm
Insulation	Material	Foam PE
	Diameter	7.1 ± 0.1 mm
	Color	White
Screen #1	Material	Copper Foil 100%
Screen #2	Type	Braid
	Material	Bare Copper
	Covering	50%
Jacket	Material	FRNC-C/LSZH
	Diameter	10.3 ±0.2 mm
	Color	Black, RAL9005

### Mechanical properties

Bending radius	100 mm/10xD (outer diameter)
Max pulling tension	700 N
Temperature range	-30°C to +70°C

## Coaxial cable 2.6/7.1, RG8, FRNC-C/LSZH, 50 Ωm

### Electrical properties

at 20 °C

Conductor DC Resistance	3.5 Ω/km
Shield DC Resistance	12 Ω/km
Capacitance	80 pF/m
Characteristic impedance	50 Ω ± 1

### Electrical data

at 20 °C

Frequency (MHz)	Attenuation (dB/100m)
5	0.8
50	2.8
100	4
200	5.7
400	8.4
600	10.5
800	12.3
1000	14
1350	16.7
1750	19.5
2150	22.1
2400	23.6
5000	37.4
10000	59.3

### Electrical data

at 20 °C

Frequency (MHz)	Return loss (dB)
30-1000	90

## Coaxial cable 2.6/7.1, RG8, FRNC-C/LSZH, 50 Ohm

### Standards

Flame resistance IEC 60332-3-24

Amt of Halogen zero

### Technical data

Article	Delivery length	Drum size	Weight
1000DW	1000 m	400/270/110 mm	

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