NOVACORD

PRO-50 2.6/7.1 FRNC-C/LSZH

OFC Copper

Pure signal transmission

Double screen

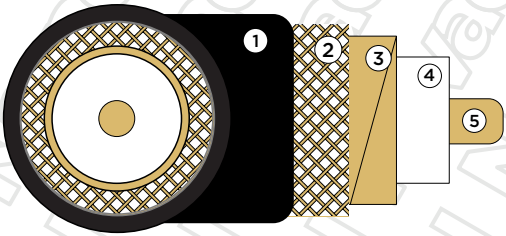
Standard of coaxial cable

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:

HIGHEST QUALITY - RELIABILITY - INNOVATION

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



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

Structure

Conductor	**Cross Sec. Area**	5.3 mm^2 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

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Electrical properties	at 20 °C
Conductor DC Resistance	3.5 Ω/km
Shield DC Resistance	12 Ω/km
Capacitance	80 pF/m
Characteristic impedence	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 Om

Standarts

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	