NOVACORD

X-PRO-50 0.9/2.95 ST FRNC-C/LSZH

Cu 29 — Tinned Copper stranded

Screen 93%

RG 58 — Standard of coaxial cable

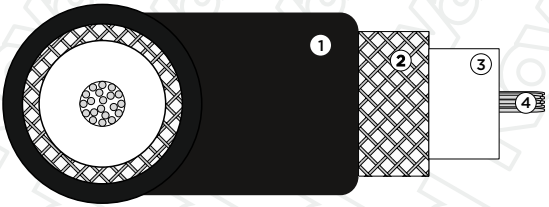
Ohm 50 — Impedance

Coaxial Cable with stranded tinned copper inner conductor and PE dielectric. The coaxial cable is perhaps the most common, basic and easy-to-understand cables. Basically, this cable is used to transmit electrical energy or signals, from one location to another, to connect a source to a load, such as a transmitter to an antenna.

Pictures:

HIGHEST QUALITY - RELIABILITY - INNOVATION

Coaxial cable 0.9/2.95 tinned copper, RG58, FRNC-C/LSZH, 50 Ohm



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

Structure

Conductor	**Cross Sec. Area**	0.636 mm², Ø 0.9mm
	No. of Cores	1 core
	Material	Tinned copper
	Type of conductor	Stranded
	Strands	19/0.18±0.02 mm
Insulation	**Material**	PE
	Diameter	2.95 ±0.1 mm
	Color	White
Screen	**Type**	Braid
	Material	Tinned OFC
	Composition	112/0.1±0.008 mm, 93%
Jacket	**Material**	FRNC-C/LSZH
	Diameter	4.95±0.2 mm
	Color	Black, RAL9005

Mechanical properties

Bending radius	25 mm / 5xD (outer diameter)
Max pull tension	700 N
Temperature range	-30°C to +70°C

Standarts

Flame resistance	IEC 60332-3-21
Amt of Halogen	zero
RG Type	58/U Type

Coaxial cable 0.9/2.95 tinned copper, RG58, FRNC-C/LSZH, 50 Ohm

Electrical properties	at 20 °C
DC Resistance	≤ 40.6 Ω/km
Capacitance	100 pF/m
Characteristic impedence	50 Ω ± 1
Velocity ratio	66%

Electrical data

Frequency (MHz)	Attenuation (dB/100m)
10	4.7
200	23
400	34
1000	60

Electrical data

Frequency (MHz)	Return loss (dB)
5-30	≥ 20
30-470	≥ 20
470-1000	≥ 18

Technical data

Article	Delivery length	Drum size	Weight
1000DW	1000 m	500/250/310	45 kg