

Description

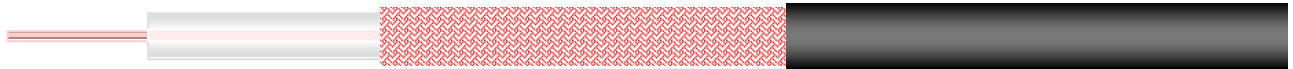
RG Coaxial Cable Type - 75 Ohm

LSZH Outer Sheath

Coaxial Cables

CAVEL®

since 1968

Data Sheet**RG59B/UZHN**

Ø	0,58	3,70	4,30	6,15
	(FeCu)	(PE)	(Cu)	(LSZH)

Application

Indoor + Outdoor Installation

Construction data

Inner conductor of copper clad steel	(FeCu)	Ø 0,58 ± 0,02	mm
Dielectric of solid polyethylene	(PE)	Ø 3,70 ± 0,10	mm
Braid of annealed copper wires	(Cu)		
Braid optical coverage (IEC 96-1)		94	%
Diameter over Braid		Ø 4,30	mm
Outer sheath of Thermoplastic material - black (RAL 9011) - halogen-free, low smoke, flame retardant and UV-resistant	(LSZH)	Ø 6,15 ± 0,10	mm
Printed each meter by yellow ink-jet :			

CAVEL RG59B/UZHN MADE IN ITALY 75 Ohm gggaa(n) m

(gggaan=batch number m=meter marking)

Physical data

Weight of copper conductors	19,84	kg/km
Total weight of cable	54,30	kg/km
Minimum bending radius (single/repeated bending)	30/60	mm
Maximum cable pulling strength	200	N
Minimum installation temperature	-5	°C
Operating temperature	-20 / +80	°C

Electrical data

Characteristic impedance				75 ± 3		Ohm
Capacitance (@1kHz)				66 ± 2		pF/m
Velocity Ratio				66 %		
Inner conductor resistance				158		Ohm/km
Outer conductor resistance				11		Ohm/km
Loop resistance				169		Ohm/km
Sheat Insulation voltage (spark test)				3		kV
Structural return loss (SRL)				Max. power		
30 - 300 MHz	>28 dB	100 MHz	300 W	400 MHz	135 W	
300 - 600 MHz	>25 dB	1000 MHz	75 W			
600 - 1000 MHz	>23 dB					

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Tel +39-382.815150 Fax +39-0382.814212

Date

03/08/2023

Responsible

A. Bergaglio

Description

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LSZH Outer Sheath



Data Sheet

RG59B/UZHN**Screening Attenuation (SA)**

30 - 1000 MHz

>45 dB

Attenuation (at 20°C)

Frequency [MHz]	Attenuation [dB/100m]	Frequency [MHz]	Attenuation [dB/100m]
50	7,70	470	25,40
200	16,00	800	34,00
300	19,90	1000	38,70

Connectors**CS03J**

Stripper for Drop Cables, just for RP and TS Cables, Tools -

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