



RoHS
COMPLIANT
2002/95/EG

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TYPE **RG 59 B/U**

CONSTRUCTION DATA

Inner Conductor	1 x	Ø mm	Cw 0,58	± 0,01 mm	→
Dielectric			PE		
Physical Expansion					→
Triple Layer		Ø mm	3,70	± 0,1 mm	→
Ext. Screen (tape)			0		→
Screening Percentage			0		
Number of Wires		Tot.	112		
Second Screen (Braid)			Cu		→
Screening Percentage			91,0	%	
External Sheath			PVC	BLACK	
External Diameter		Ø mm	6,2	± 0,2 mm	→



Minimum Bending Radius (one bend) Outer/Inner **70 / 35**

ELECTRICAL DATA

Characteristic Impedance Ohm ± 3		75± 3
Capacitance pF/m.± 2		67
Velocity Ratio		66 %
Attenuation (at 20° C.)		
	MHz.	50 dB/100 m. 7,7
	MHz.	200 dB/100 m. 15,7
	MHz.	400 dB/100 m. 23,8
	MHz.	600 dB/100 m. 30,9
	MHz.	800 dB/100 m. 36,3
	MHz.	1000 dB/100 m. 41,6

Structural Return Loss between	30-300	MHz. dB	> 35
	300-600	MHz. dB	> 30
	600-900	MHz. dB	> 30

Screening efficiency	100-900	MHz. dB	> 55
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Inner conductor resistance Ohm/Km	160
Outer conductor resistance Ohm/Km	10
Sheath Spark Testing kV	4KV

STANDARD Packing Type & Metres	AR100
Other Packings Type & Metres	BP500
Connectors BNC crimp type	C.BNC.62 MC
Connectors BNC to solder	C.BNC.62 MS

Legend: (*) AR100 = 100m Arianna refills
BP500 = 500m drums