



RoHS
COMPLIANT
2002/95/EG

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TYPE **RG 213/U**

CONSTRUCTION DATA

Inner Conductor	7 x	Ø mm	Cu 0,75	± 0,01 mm	→
Dielectric			PE		
Physical Expansion					→
Triple Layer		Ø mm	7,25	± 0,1 mm	
Ext. Screen (tape)			0		→
Screening Percentage			0		
Number of Wires		Tot.	192		
Second Screen (Braid)			Cu		→
Screening Percentage			95,6	%	
External Sheath			PVC	BLACK	
External Diameter		Ø mm	10,2	± 0,2 mm	→



Minimum Bending Radius (one bend) Outer/Inner **120 / 60**

ELECTRICAL DATA

Characteristic Impedance Ohm ± 3		50 ± 3
Capacitance pF/m. ± 2		101
Velocity Ratio		66 %
Attenuation (at 20° C.)		
	MHz.	50 dB/100 m. 4,3
	MHz.	200 dB/100 m. 9,4
	MHz.	400 dB/100 m. 13,8
	MHz.	600 dB/100 m. 18,0
	MHz.	800 dB/100 m. 20,4
	MHz.	1000 dB/100 m. 23,6

Structural Return Loss between	30-300 MHz.	dB	> 30
	300-600 MHz.	dB	> 30
	600-900 MHz.	dB	> 25

Screening efficiency	100-900 MHz.	dB	> 55
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Inner conductor resistance Ohm/Km	6,1
Outer conductor resistance Ohm/Km	4,4
Sheath Spark Testing kV	8KV

STANDARD Packing Type & Metres **BP500**

Other Packings Type & Metres **BP100**

Connectors BNC crimp type

Connectors BNC to solder

Legend: (*) BP500 = 500m drums
BP100 = 100m drums