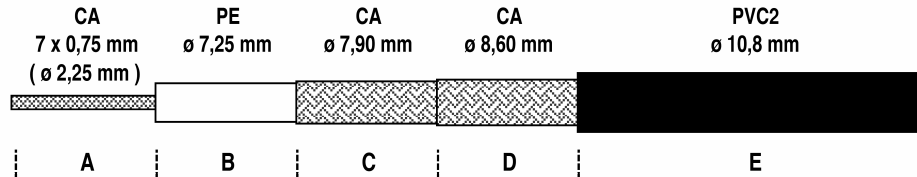


## RG 214/U (acc. to spec. MIL-C-17)



### MECHANICAL DATA

<b>A</b>	Silver copper inner conductor
<b>B</b>	Low density polyethylene dielectric (PE)
<b>C</b>	Silvered copper outer conductor Percentage coverage
<b>D</b>	Silvered copper outer conductor Percentage coverage
<b>E</b>	Non-contaminating polyvinyl-chloride sheath (PVC2) Jacket colour: BLACK (RAL 9004)

### DIMENSIONS

7 x 0,75 mm
7,25 ± 0,18 mm
144 x 0,16 mm 96%
168 x 0,16 mm 98%
Ø10,8 ± 0,18 mm

Cable weight: 205,3 Kg/Km

### ELECTRICAL PERFORMANCE

Impedance	50 ± 2 Ohm
Capacitance	100 pF/m
Velocity ratio	66%
Voltage rating	1100V

### SCREENING EFFECTIVENESS dB

100-900 MHz	>78
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Inner conductor resistance	6 Ohm/Km
Outer conductor resistance	3,1 Ohm/Km
Temperature range	-30°C / +80°C

### ATTENUATION dB/100m

50 MHz	4,5
100 MHz	6,7
200 MHz	9,9
500 MHz	16,1
1000 MHz	24,3
1500 MHz	31,7
2500 MHz	44,7
3000 MHz	51,3
4000 MHz	64,2
5000 MHz	75,0
6000 MHz	92,0

### STRUCTURAL RETURN LOSS dB

30-300 MHz	>30
300-600 MHz	>29
600-900 MHz	>27