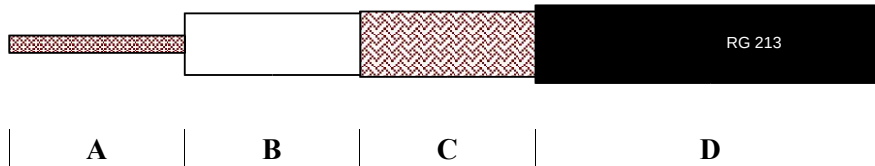


## GENERAL TECHNICAL DATA :

50 Ohm RF coaxial cable

## RG 213 U

|                    |                  |                  |                  |
|--------------------|------------------|------------------|------------------|
| <b>CU</b>          | <b>PE</b>        | <b>CCA</b>       | <b>PVC</b>       |
| <b>7 x 0,75 mm</b> | <b>ø 7,25 mm</b> | <b>ø 8,00 mm</b> | <b>ø 10,3 mm</b> |



## MECHANICAL DATA

## DIMENSIONS

|          |                                                                               |            |                                    |
|----------|-------------------------------------------------------------------------------|------------|------------------------------------|
| <b>A</b> | Plain copper inner conductor                                                  | <b>CU</b>  | <b>7 x 0,75 mm</b>                 |
| <b>B</b> | Low density polyethylene dielectric                                           | <b>PE</b>  | <b>ø 7,25 ± 0,18 mm</b>            |
| <b>C</b> | Plain copper outer conductor<br>Percentage coverage                           | <b>CCA</b> | <b>192 x 0,12 mm</b><br><b>90%</b> |
| <b>D</b> | Non-contaminating polyvinyl-chloride sheath<br>Sheath's colour : <b>BLACK</b> | <b>PVC</b> | <b>ø 10,3 ± 0,18 mm</b>            |

|               |                  |
|---------------|------------------|
| Copper weight | <b>28.3Kg/Km</b> |
| Cable weight  | <b>135Kg/Km</b>  |

## ELECTRICAL PERFORMANCE

## ATTENUATION dB/100 m

|                |                   |
|----------------|-------------------|
| Impedance      | <b>50 ± 2 Ohm</b> |
| Capacitance    | <b>100 pF/m</b>   |
| Velocity ratio | <b>66%</b>        |

|          |             |
|----------|-------------|
| 50 MHz   | <b>4,5</b>  |
| 100 MHz  | <b>6,7</b>  |
| 200 MHz  | <b>9,9</b>  |
| 400 MHz  | <b>14,3</b> |
| 500 MHz  | <b>16,1</b> |
| 600 MHz  | <b>17,8</b> |
| 860 MHz  | <b>22,1</b> |
| 1000 MHz | <b>24,3</b> |

## SCREENING EFFECTIVENESS dB

|                 |               |
|-----------------|---------------|
| 100-900 MHz     | <b>&gt;55</b> |
| .....-..... MHz |               |

|                            |                   |
|----------------------------|-------------------|
| Inner conductor resistance | <b>6 Ohm/Km</b>   |
| Outer conductor resistance | <b>4,5 Ohm/Km</b> |

STRUCTURAL RETURN  
LOSS dB

|                   |                        |
|-------------------|------------------------|
| Temperature range | <b>-30 °C / +70 °C</b> |
|-------------------|------------------------|

|             |               |
|-------------|---------------|
| 30-300 MHz  | <b>&gt;30</b> |
| 300-600 MHz | <b>&gt;27</b> |
| 600-900 MHz | <b>&gt;25</b> |

The producer reserves himself to make modification on the item without any notice