

Coaxial cable RG 213 /U



Application: For data- and signal transmission in RF-bands with low losses and interferences.

Construction and technical data:

| | |
|--|-------------|
| CPR-performance: | Eca |
| Sheathing material: | PVC |
| Halogen-free: | yes |
| Permitted outer cable temperature, fixed, °C: | -5 - +70 °C |
| Impedance: | 50 Ohm |
| Velocity factor (NVP): | 0.66 v/c |



The products and information presented here are for technical calculation only. They are subject to technical progress and in no way represent the ability of shipment. Outer diameters are approximately.

RG 213

| | |
|---------------------------------------|--------------------|
| Nominal voltage U: | 5000 V |
| inner conductor material: | bare copper strand |
| Inner conductor diameter, mm: | 2.25 mm |
| Insulation: | Solid PE |
| Outer screen: | bare copper braid |
| Optical coverage: | 97 % |
| Sheathing material: | PVC |
| Minimum bending radius: | 5 x Ø |
| Operating temperature: | -20 - +70 °C |
| Impedance, ohm: | 50 Ohm |
| Capacity: | 103 nF/km |
| Velocity factor: | 0.66 v/c |
| DC-resistance inner conductor: | 5.5 Ohm/km |
| DC-resistance outer screen: | 4.5 Ohm/km |

| part no. | part name | Rbv [mm] | Ø [mm] | Ev [kWh/m] | Cu [kg/km] | G [kg] |
|----------|-----------------------|----------|--------|------------|------------|--------|
| 101087 | RG 213 /U 50 Ohm FRNC | 50 | 10.3 | 0.71 | 82 | 155 |
| 100201 | RG 213 /U 50 Ohm | 50 | 10.3 | 0.69 | 76 | 155 |

Rbv | Bending radius, fixed installation

Ø | outer diameter approx.

Ev | Combustion heat (fire load)

Cu | Copper weight (GER)

G | net weight per 1000

Dämpfungsverlauf

