

# Coaxial cable RG 214 /U



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

## Construction and technical data:

<b>CPR-performance:</b>	Eca
<b>Sheathing material:</b>	PVC
<b>Colour of outer sheath:</b>	black
<b>Halogen-free:</b>	yes
<b>Permitted outer cable temperature, fixed, °C:</b>	-5 - +70 °C
<b>Impedance:</b>	50 Ohm
<b>Velocity factor (NVP):</b>	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 214 /U

<b>Nominal voltage U:</b>	2000 V
<b>Test voltage:</b>	10 kV
<b>inner conductor material:</b>	copper, stranded, silver plated
<b>Inner conductor diameter, mm:</b>	2.25 mm
<b>Insulation:</b>	Solid PE
<b>Outer screen:</b>	2 x copper braid, silver plated
<b>Optical coverage:</b>	95 %
<b>Sheathing material:</b>	PVC
<b>Minimum bending radius:</b>	5 x Ø
<b>Operating temperature:</b>	-20 - +70 °C
<b>Impedance, ohm:</b>	50 Ohm
<b>Capacity:</b>	101 nF/km
<b>Screening efficiency:</b>	72 dB
<b>Velocity factor:</b>	0.66 v/c
<b>Signal delay:</b>	5.03 ns/m
<b>DC-resistance inner conductor:</b>	5.5 Ohm/km
<b>DC-resistance outer screen:</b>	4.4 Ohm/km

part no.	part name	Rbv [mm]	Ø [mm]	Ev [kWh/m]	Cu [kg/km]	G [kg]
101172	RG 214/U 50 ohm BK halogen free	65	10.8	0.85	118	205
100529	RG 214 U 50 ohm BK	65	10.8	0.82	118	205

Rbv | Bending radius, fixed installation

Ø | outer diameter approx.

Ev | Combustion heat (fire load)

Cu | Copper weight (GER)

G | net weight per 1000

