

Coax cable RG 213 U

RG cable according to MIL-C-17 50 Ohm

RoHS

CROSS SECTION



APPLICATION

For use in the field of radio technology; suitable for longer distances.

STRUCTURE

Inner conductor	Copper stranded wire 7 x 0.75 +/- 0.05 mm
Insulation	Polyethylene Ø 7.24 +/- 0.20 mm Nominal thickness: 2.49 mm Colour: natural
Mesh	Copper mesh, bare Arrangement 24 x 8 x 0.12 Coverage: 84%
Outer sheath	PVC Ø 10.20 +/- 0.30 mm Nominal thickness: 1.15 mm

SPECIAL FEATURES

Sheath colour
Black with the imprint
RG213U

TECHNICAL DATA

Wave resistance	50 Ohm +/- 2
Capacity (pF/m)	100 +/- 6
Direct current resistance (Ohm/km)	Inner conductor at 20°C (Ohm/km) < 6.55 Outer conductor at 20°C (Ohm/km) < 12.3
Insulation resistance (Ohm/km)	> 1000
Attenuation at 20°C (dB/100 m)	50 MHz - 5.06 200 MHz - 10.45 800 MHz - 23.32 1000 MHz - 26.95
Return loss attenuation (dB)	5 ~ 470 MHz > 20 470 ~ 1000 MHz > 18

Product description	IZI Ohm	Outer Ø (mm)	Cu index (mm)	Weight (kg/km)	Product number
RG 213 /U	50	10.3	76.0	155	10350140