RG 213 U

Coaxial Cables

RG cable according to MIL-C-17

Construction:

Inner conductor (mm)	: copper, 7 x 0.75.
Insulation (mm)	: PE, 7.24.
Outer conductor	: none.
Braid	: 95 % copper.
Outer sheath	: PVC, black.
Outer diameter (mm)	: 10.30.

Technical data and tests:

Impedance	: 50 ± 2 Ohm.
Velocity ratio	: 0.66
Capacitance (800 Hz)	: 101 pF/km.
Attenuation	: dB/100 m
100 MHz	: 6.9;
200 MHz	: 9.9;
400 MHz	: 14.8;
600 MHz	: 19.2;
800 MHz	: 23.5.
Nominal voltage Uo/U	: 5 kV.
Test voltage	: 10 kV.
Temperature range	: -40° C to + 70° C.
Bending radius	: min. 10 x diameter.

Standards **: MIL-C-17.**

Applications:

In general coaxial cables are used for broadband transmission of radio, TV, video and data signals. Available up to GHz-a level, with low attenuation and low signal distortion. The RG 213 coaxial cable is used for inst. for radio signal transmission being suitable for larger distances. The polyethylene of low dielectric constant enables high-speed signal diffusion, and good flexibility at installation. This cable should be installed only in indoor applications, exceptionally outdoor, only under protection against sunlight.