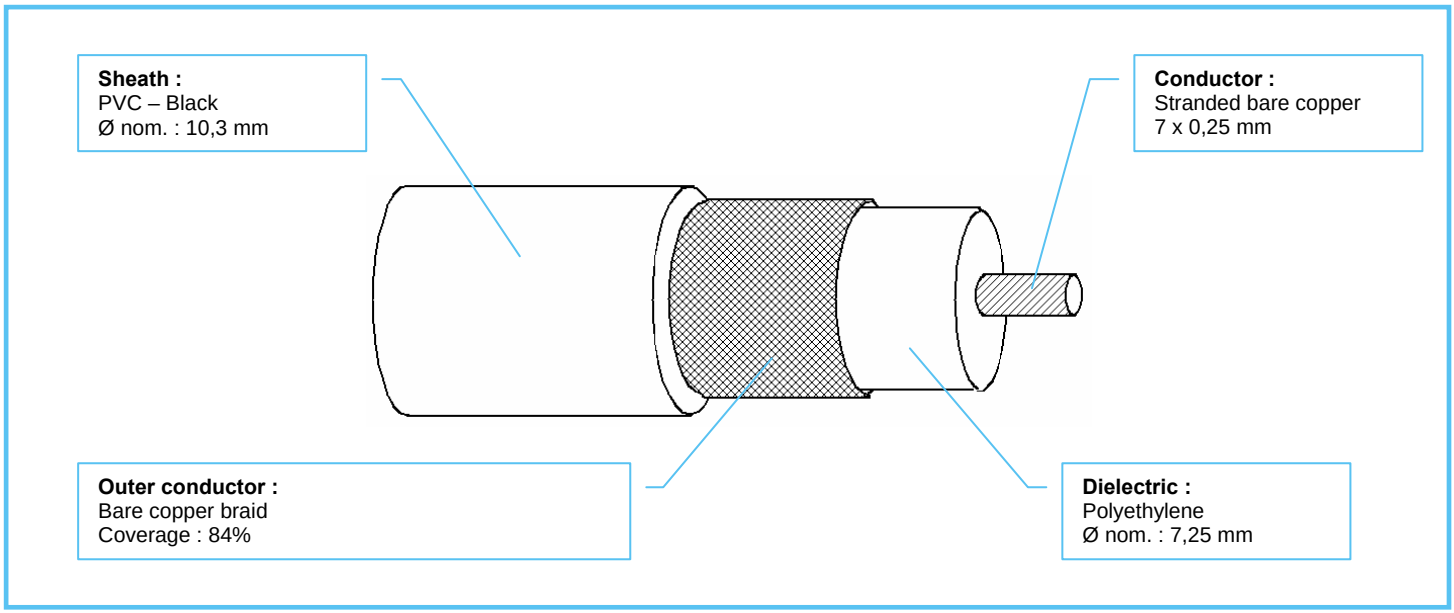
REF : RG 213 U

50 Ω coaxial cable – based on MIL-C-17G

CAE PRODUCTION

Ed. 3 04/07 SL



PRODUCTS INFORMATIONS

Application

These cables are used for transmission of radio frequency signals and for network infrastructure.

Electrical properties

Characteristic impedance at 200 MHz : **50 Ω**

Nominal capacity (800 Hz – 1 GHz) : **100 pF/m**

Insulation resistance at 20°C : **> 5000 MΩ.km**

Dielectric strength at 50Hz : **> 10000 V**

Electrical resistance – inner conductor : **< 5,8 Ω/km**

Electrical resistance – outer conductor : **< 12,3 Ω/km**

Velocity of propagation : **66 %**

Attenuation :

F (MHz)	dB/100m
50	4,4
100	6,5
200	9,7
400	14,7
800	22,9
1000	26,7
3000	58,0

Characteristics

Temperature range : **- 10°C → + 80°C**

Minimum bending radius : **105 mm**

Weight : **137 kg/km**

According to RoHS Standard

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