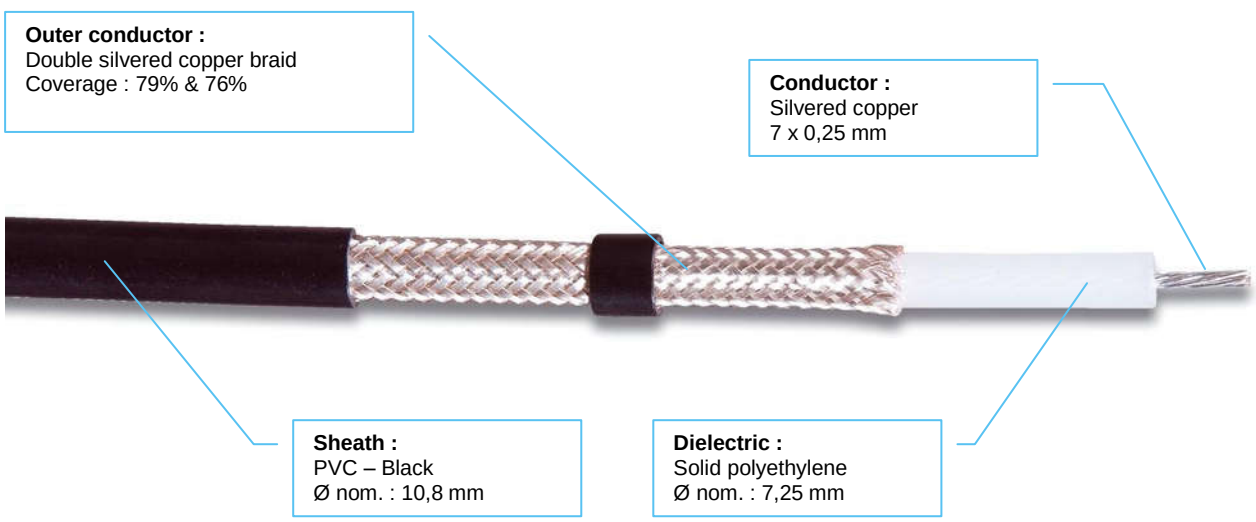
REF : RG 214 U

50 Ω coaxial cable

FT 4 14/10/2014 FR



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 : **> 5 000 MΩ.km**

Dielectric strength at 50Hz : **> 10 000 V**

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

Electrical resistance – outer conductor : **< 4,8 Ω/km**

Velocity of propagation : **66 %**

Attenuation :

F (MHz)	dB/100m
50	4,8
100	7,0
200	10,3
400	15,4
800	23,3
1000	26,6

Characteristics

Temperature range : **- 10°C → + 70°C**

Minimum bending radius : **110 mm**

Weight : **170 kg/km**

According to RoHS Standard

This document is confidential, and is the property of CAE Groupe. CAE Group owns the copyright, and the document must not be copied or changed in any form, wholly or in part without written permission from CAE Groupe. The contents of this document must be disclosed to any other person or persons.
The characteristics related to this document are not contractual, and can be modified without warning.