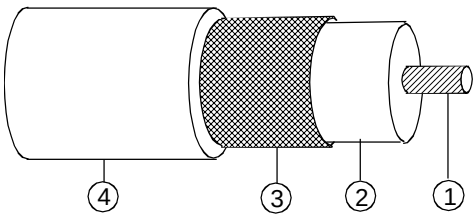
CAEGROUPE

TECHNICAL DATA SHEET Date : 02/12/05

Reference : RG 11 A/U Ed 2 TM

75 Ω COAXIAL CABLE – BASED ON MIL-C-17G





CABLE DESCRIPTION

CONSTRUCTION

1) INNER CONDUCTOR
Stranded tinned copper : 7 x 0,40 mm
Diameter : 1,20 mm

2) DIELECTRIC
Solid polyethylene
Nominal diameter on dielectric : 7,24 +/- 0,2 mm

3) OUTER CONDUCTOR
Bare copper braid
Coverage : 90 %

4) OUTER SHEATH
PVC
Outer diameter : 10,3 mm (±5%)

Marking text:
RG 11 A/U 75 OHMS MIL-C-17-G + batch number

WEIGHT
140 kg / km

Technical validation of the product

Date :

Signature :

ELECTRICAL DATA

PARAMETER	UNIT	VALUE
Characteristic Impedance	Ω	75 ±3
Nominal capacity (800 Hz – 1 GHz)	pF/m	67
Insulation resistance at 20 °C	MΩ.Km	> 5000
Dielectric strength at 50 Hz	V	> 10000
Electrical resistance Inner conductor Outer conductor	Ω/Km	 < 21,0 < 7,0
Velocity of propagation	% de c	66
Attenuation	MHz 50 100 200 400 800 1000	dB / 100 m 4,4 6,4 9,4 14,1 21,9 25,5

MECHANICAL DATA

Temperature range	- 10°C → +70°C
Minimum bending radius	105 mm

Any use of the present items out of normal conditions is not guaranteed.
The characteristics related to this document are not contractual, and can be modified without warning.