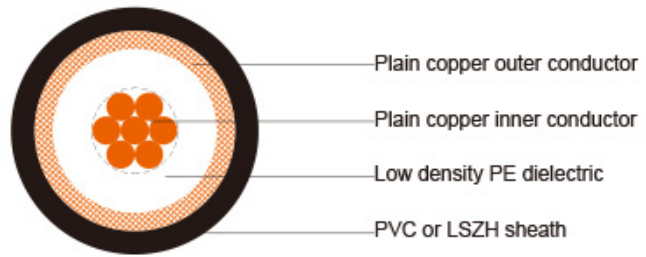


RG 11 PC1



Construction

<b>Inner conductor</b>	Plain copper	7 x 0.40 mm
<b>Dielectric</b>	Low density PE	$\Phi 7.25 \pm 0.18$ mm
<b>Outer conductor (shield)</b>	Plain copper	240 x 0.15 mm
<b>Shield coverage</b>		97%
<b>Sheath</b>	PVC or LSZH	$\Phi 10.3 \pm 0.18$ mm

Electrical & Mechanical Characteristics

<b>Impedance</b>	75 $\pm$ 5 Ohm
<b>Nominal capacitance</b>	67 pF/m
<b>Velocity of propagation</b>	66%
<b>Insulation resistance</b>	>2000 Mohm.Km
<b>Inner conductor resistance</b>	20.5 Ohm/Km
<b>Outer conductor resistance</b>	4.5 Ohm/Km
<b>Operating temperature range</b>	-30 °C - +70 °C
<b>Copper weight</b>	49.8 Kg/Km
<b>Cable weight (approx.)</b>	140.2 Kg/Km
<b>Screening effectiveness</b>	>55 dB

Attenuation

Frequency (MHz)	Attenuation (dB/100 m)	Attenuation (dB/100ft)
50	4.2	1.28
100	6.2	1.89
200	9.2	2.8
400	13.8	4.21

500	15.5	4.73
600	17.1	5.21
860	21.1	6.43
1000	23.4	7.13

## Return Loss

<b>30-300 MHz</b>	>30dB
<b>300-600 MHz</b>	>27dB
<b>600-900 MHz</b>	>25dB