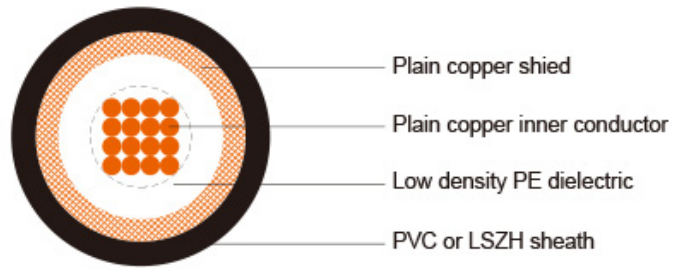


RG 58 PC



Construction

Inner conductor	Plain copper	16 x 0.18 mm
Dielectric	Low density PE	$\Phi 2.85 \pm 0.10$ mm
Outer conductor (shield)	Silver plated copper (0.13mm)	$\Phi 4.21$ mm
Shield coverage		90%
Sheath	FEP	$\Phi 5.13$ mm

Electrical & Mechanical Characteristics

Impedance	50 \pm 3 Ohm
Nominal capacitance	100 pF/m
Velocity of propagation	66%
Insulation resistance	>2000 Mohm.Km
Inner conductor resistance	66%
Outer conductor resistance	47.5 Ohm/Km
Test/Operatig Voltage(max)	24 Ohm/Km
Operating temperature range	-30 °C - +70 °C
Copper Weight	12.4 Kg/Km
Cable weight (approx.)	34.4 Kg/Km
Screening effectiveness	>50 dB

Attenuation

Frequency (MHz)	Attenuation (dB/100 m)	Attenuation (dB/100ft)
50	9.8	2.99
100	14.1	4.3

200	20.6	6.28
400	30.4	9.27
500	34.8	10.61
600	38.7	11.8
860	47.9	14.6
1000	52.8	16.1

Return Loss

30-300 MHz	>26dB
300-600 MHz	>25dB
600-900 MHz	>22dB