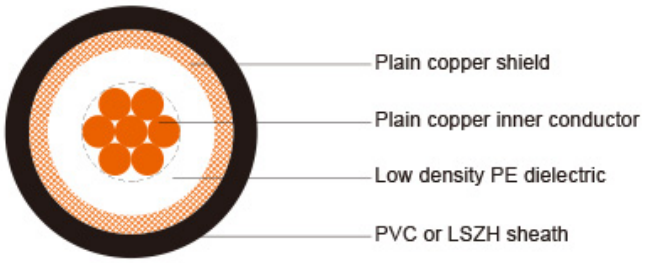
RG 213 PC1



Construction

Inner conductor	Plain copper	7 x 0.75 mm
Dielectric	Low density PE	Φ7.25 ± 0.08 mm
Outer conductor (shield)	Plain copper	240 x 0.13 mm
Shield coverage		93%
Sheath	PVC or LSZH	Φ10.3 ± 0.18 mm

Electrical & Mechanical Characteristics

Impedance	50±3 Ohm
Nominal capacitance	100 pF/m
Velocity of propagation	66%
Insulation resistance	>2000 Mohm.Km
Inner conductor resistance	6.0 Ohm/Km
Outer conductor resistance	5.0 Ohm/Km
Operating temperature range	-30 °C - +70 °C
Copper Weight	59.9 Kg/Km
Cable weight (approx.)	149.7 Kg/Km
Screening effectiveness	>55 dB

Attenuation

Frequency (MHz)	Attenuation (dB/100 m)	Attenuation (dB/100ft)
50	4.5	1.37
100	6.8	2.07
200	10	3.05
400	14.5	4.42

500	16.4	5
600	18.1	5.52
860	22.8	6.86
1000	24.7	7.53

Return Loss

30-300 MHz	>31dB
300-600 MHz	>28dB
600-900 MHz	>27dB