

RG Type 50 Ohm Coaxial Cables

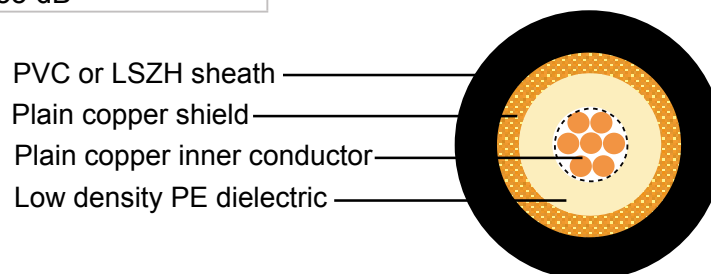
RG 213 PC

Construction

Inner conductor	Plain copper	7 x 0.75 mm
Dielectric	Low density PE	$\Phi 6.50 \pm 0.15$ mm
Outer conductor (shield)	Plain copper	168 x 0.15 mm
Shield coverage		91%
Sheath	PVC or LSZH	$\Phi 9.50 \pm 0.18$ 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	6 Ohm/Km
Outer conductor resistance	7 Ohm/Km
Operating temperature range	-30 °C - +70 °C
Copper weight	59.6 Kg/Km
Cable weight (approx.)	135.1 Kg/Km
Screening effectiveness	>55 dB



Attenuation

Frequency(MHz)	Attenuation (dB/100 m)	Attenuation (dB/100 ft)
50	4.8	1.46
100	7.2	2.20
200	10.5	3.20
400	15.4	4.70
500	17.6	5.37
600	19.5	5.95
860	24.2	7.38
1000	26.5	8.08

Return Loss

30-300 MHz	>27dB
300-600 MHz	>24dB
600-900 MHz	>23dB