

RG Type 50 Ohm Coaxial Cables

RG 213 URM (URM 67)

Construction

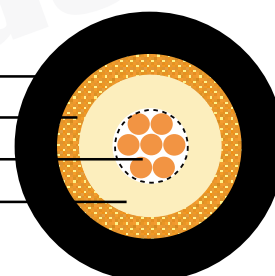
Inner conductor	Plain copper	7 x 0.75 mm
Dielectric	Low density PE	$\Phi 7.25 \pm 0.18$ mm
Outer conductor (shield)	Plain copper	192 x 0.18 mm
Shield coverage		98%
Sheath	PVC or LSZH	$\Phi 10.3 \pm 0.18$ mm

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	6.0 Ohm/Km
Outer conductor resistance	4.0 Ohm/Km
Operating temperature range	-30 °C - +70 °C
Copper weight	79.4 Kg/Km
Cable weight (approx.)	165.5 Kg/Km
Screening effectiveness	>55 dB



PVC or LSZH sheath
 Plain copper shield
 Plain copper inner conductor
 Low density PE dielectric



Attenuation

Frequency(MHz)	Attenuation (dB/100 m)	Attenuation (dB/100ft)
50	4.5	1.37
100	6.7	2.04
200	9.9	3.02
400	14.3	4.36
500	16.1	4.91
600	17.8	5.43
860	22.1	6.74
1000	24.3	7.41

Return Loss

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