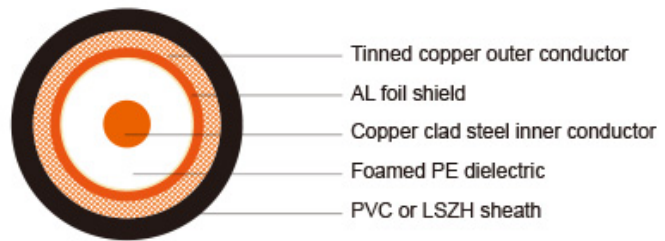


RG 11



Construction

Inner conductor	Copper clad steel(CCS)	1.63 mm
Dielectric	Low density PE	$\Phi 7.2 \pm 0.2$ mm
Tape shield	Aluminum foil	100%
Outer conductor (shield)	Aluminum wire	96 x 0.12 mm
Shield coverage		60%
Sheath	PVC or LSZH	$\Phi 10.3 \pm 0.18$ mm
Messenger(optional)	Galvanized steel	1.83mm / 2.77mm

Electrical & Mechanical Characteristics

Impedance	75 \pm 5 Ohm
Nominal capacitance	53 pF/m
Velocity of propagation	66%
Insulation resistance	>2000 Mohm.Km
Inner conductor resistance	13.5 Ohm/Km
Outer conductor resistance	24.1 Ohm/Km
Operating temperature range	-30 °C - +70 °C
Cable weight (approx.)	116.4 -140.4Kg/Km

Attenuation

Frequency (MHz)	Attenuation (dB/100 m)	Attenuation (dB/100ft)
50	3.1	0.95
100	4.2	1.28
250	6.8	2.07
300	7.5	2.29

350	7.9	2.41
400	8.5	2.59
450	9.1	2.77
500	9.5	2.9
600	10.1	3.08
750	12.1	3.69
860	13.2	4.02
1000	14.3	4.36
1450	18.6	5.67
2050	23	7.01