

RG Type 75 Ohm Coaxial Cables

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

* Tri-shield and Quad-shield are both optional ,so is the messenger

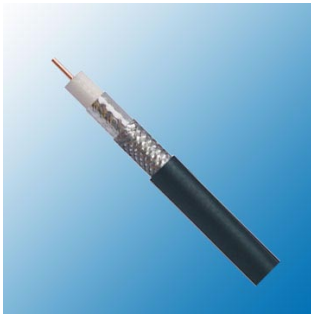
Electrical & Mechanical Characteristics

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

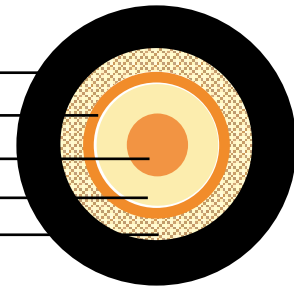
Attenuation

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	2.90
550	10.1	3.08
600	10.5	3.20
750	12.1	3.69
860	13.2	4.02
1000	14.3	4.36
1450	18.6	5.67
2050	23.0	7.01

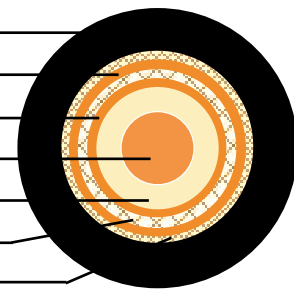
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- PVC or LSZH sheath
- AL foil shield
- Copper clad steel inner conductor
- Foamed PE dielectric
- Tinned copper outer conductor



- PVC or LSZH sheath
- Al foil shield 3
- Al foil shield 1
- Copper clad steel inner conductor
- Low density PE dielectric
- AL braid shield 2
- AL braid shield 4



- PVC or LSZH sheath
- AL foil shield
- Copper clad steel inner conductor
- Foamed PE dielectric
- Tinned copper outer conductor
- Galvanized steel messenger

