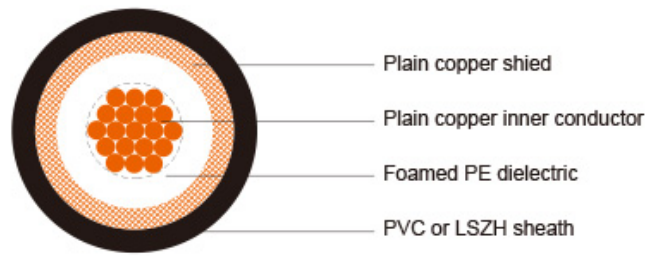


RG 8 LL



Construction

<b>Inner conductor</b>	Plain copper	19 x 0.28 mm
<b>Dielectric</b>	Foam PE	$\Phi 3.90 \pm 0.15$ mm
<b>Outer conductor (shield )</b>	Plain copper	128 x 0.12 mm
<b>Shield coverage</b>		88%
<b>Sheath</b>	PVC or LSZH	$\Phi 6.10 \pm 0.10$ mm

Electrical & Mechanical Characteristics

<b>Impedance</b>	50±3 Ohm
<b>Nominal capacitance</b>	80 pF/m
<b>Velocity of propagation</b>	80%
<b>Insulation resistance</b>	>5000 Mohm.Km
<b>Inner conductor resistance</b>	15.5 Ohm/Km
<b>Outer conductor resistance</b>	14 Ohm/Km
<b>Operating temperature range</b>	-25 °C - +80 °C
<b>Copper weight</b>	25.2 Kg/Km
<b>Cable weight (approx.)</b>	53.7 Kg/Km
<b>Screening effectiveness</b>	>55 dB

Attenuation

Frequency(MHz)	Attenuation (dB/100 m)	Attenuation (dB/100ft)
50	7.2	2.20
100	10.5	3.2
400	22.2	6.77
600	27.6	8.41
860	33.9	10.34

1000	37	11.28
1750	51.6	15.73
2400	64.5	19.66

## Return Loss

<b>30-300 MHz</b>	>26dB
<b>300-600 MHz</b>	>25dB
<b>600-900 MHz</b>	>23dB