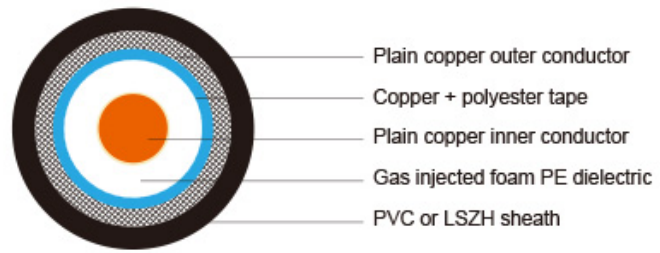


RG 400 LLA



Construction

<b>Inner conductor</b>	Plain copper	2.62 mm
<b>Dielectric</b>	Gas injected foam PE	Φ7.20±0.10mm
<b>Outer conductor (shield 1)</b>	Copper + polyester tape	
<b>Shield coverage</b>		100%
<b>Outer conductor (shield 2)</b>	Tinned copper	96 x 0.15mm
<b>Shield coverage</b>		56%
<b>Sheath</b>	PVC or LSZH	Φ10.30±0.18mm

Electrical & Mechanical Characteristics

<b>Impedance</b>	50±3 Ohm
<b>Nominal capacitance</b>	80 pF/m
<b>Velocity of propagation</b>	84%
<b>Insulation resistance</b>	>5000 Mohm.Km
<b>Inner conductor resistance</b>	3.2 Ohm/Km
<b>Outer conductor resistance</b>	12.7 Ohm/Km
<b>Operating temperature range</b>	-30 °C - +70 °C
<b>Copper weight</b>	71.3 Kg/Km
<b>Cable weight (approx.)</b>	137.7 Kg/Km
<b>Screening effectiveness</b>	>80 dB

Attenuation

Frequency(MHz)	Attenuation (dB/100 m)	Attenuation (dB/100ft)
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50	2.5	0.76
100	3.6	1.1
400	7.9	2.41
600	10.1	3.08
860	12.1	3.69
1000	13.2	4.02
1750	18.7	5.7
2400	22.2	6.77

## Return Loss

<b>30-300 MHz</b>	>29dB
<b>300-600 MHz</b>	>26dB
<b>600-900 MHz</b>	>24 dB