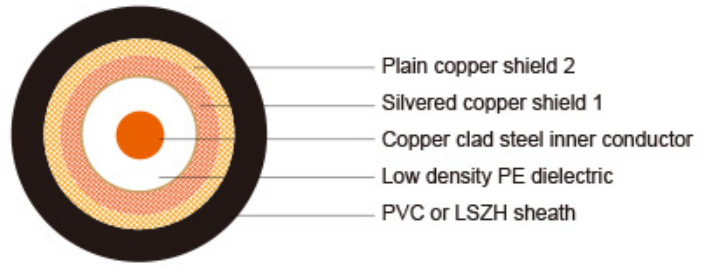


RG 6 CS



Construction

<b>Inner conductor</b>	Copper clad steel(CCS)	0.72 mm
<b>Dielectric</b>	Low density PE	Φ4.70 ± 0.10 mm
<b>Tape shield(shield 1)</b>	Silver plated copper	168 x 0.13 mm
<b>Shield coverage</b>		97%
<b>Outer conductor(shield 2)</b>	Plain copper	168 x 0.13 mm
<b>Shield coverage</b>		95%
<b>Sheath</b>	PVC or LSZH	Φ8.50 ± 0.10 mm

Electrical & Mechanical Characteristics

<b>Impedance</b>	75±5 Ohm
<b>Nominal capacitance</b>	67pF/m
<b>Velocity of propagation</b>	66%
<b>Insulation resistance</b>	>2000 Mohm.Km
<b>Inner conductor resistance</b>	106 Ohm/Km
<b>Outer conductor resistance</b>	50hm/Km
<b>Operating temperature range</b>	-30 °C - +70 °C
<b>Copper weight</b>	50.5 Kg/Km
<b>Cable weight (approx.)</b>	112.4 Kg/Km
<b>Screening effectiveness</b>	>70 dB

Attenuation

Frequency (MHz)	Attenuation (dB/100 m)	Attenuation (dB/100ft)
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100	8.5	2.59
200	12.5	3.81
400	18	5.49
500	20.3	6.19
600	22.6	6.89
860	27.5	8.38
1000	30.4	9.27

## Return Loss

<b>30-300 MHz</b>	>28dB
<b>300-600 MHz</b>	>24dB
<b>600-900 MHz</b>	>22dB