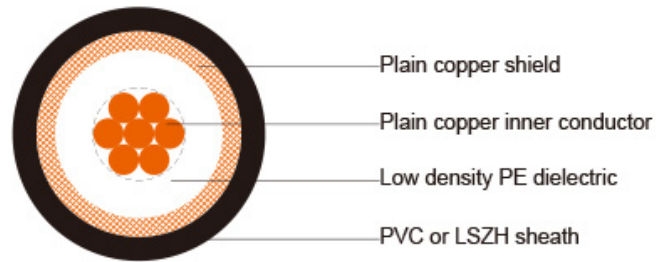


RF 59 PC



Construction

<b>Inner conductor</b>	Plain copper	7 x 0.25 mm
<b>Dielectric</b>	Foam PE	Φ3.70 ± 0.10 mm
<b>Outer conductor (shield)</b>	Plain copper	120 x 0.10 mm
<b>Shield coverage</b>		95%
<b>Sheath</b>	PVC or LSZH	Φ6.15 ± 0.10 mm

Electrical & Mechanical Characteristics

<b>Impedance</b>	75±5 Ohm
<b>Nominal capacitance</b>	56 pF/m
<b>Velocity of propagation</b>	80%
<b>Insulation resistance</b>	>5000 Mohm.Km
<b>Inner conductor resistance</b>	49 Ohm/Km
<b>Outer conductor resistance</b>	9 Ohm/Km
<b>Operating temperature range</b>	-30 °C - +70 °C
<b>Copper weight</b>	23.8 Kg/Km
<b>Cable weight (approx.)</b>	53.0 Kg/Km
<b>Screening effectiveness</b>	>55 dB

Attenuation

Frequency (MHz)	Attenuation (dB/100 m)	Attenuation (dB/100ft)
100	10.1	3.08
200	14	4.27
400	20.0	6.16
500	23.6	7.2

600	26.2	7.99
860	32.2	9.82
1000	34.8	10.61

## Return Loss

<b>30-300 MHz</b>	>25dB
<b>300-600 MHz</b>	>24dB
<b>600-900 MHz</b>	>20dB