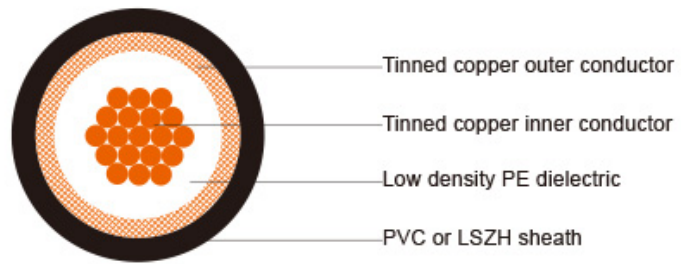


M17/155-RG 58 (RG 58 C/U)



Construction

<b>Inner conductor</b>	Tinned copper	19 x 0.18 mm
<b>Dielectric</b>	Low density PE	Φ2.95 ± 0.10 mm
<b>Outer conductor (shield)</b>	Tinned copper	112 x 0.13 mm
<b>Shield coverage</b>		95%
<b>Sheath</b>	PVC or LSZH	Φ5.00 ± 0.10 mm

Electrical & Mechanical Characteristics

<b>Impedance</b>	53±3 Ohm0
<b>Nominal capacitance</b>	100pF/m
<b>Velocity of propagation</b>	66%
<b>Insulation resistance</b>	>2000 Mohm.Km
<b>Inner conductor resistance</b>	37.5 Ohm/Km
<b>Outer conductor resistance</b>	16.5 Ohm/Km
<b>Operating temperature range</b>	-30 °C - +70 °C
<b>Test/Operatig Voltage(max)</b>	18.7 Kg/Km
<b>Copper Weight</b>	76.9 Kg/Km
<b>Cable weight (approx.)</b>	39.9 Kg/Km
<b>Screening effectiveness</b>	100-900 MHz >55dB

Attenuation

Frequency (MHz)	Attenuation (dB/100 m)	Attenuation (dB/100ft)
50	10.8	3.29
100	16.0	4.88

200	24.0	7.32
400	37.7	11.49
500	41.3	12.59
600	49.7	15.15
860	64.2	19.57
1000	70.0	21.34

## Return Loss

<b>30-300 MHz</b>	>27dB
<b>300-600 MHz</b>	>23dB
<b>600-900 MHz</b>	>22dB