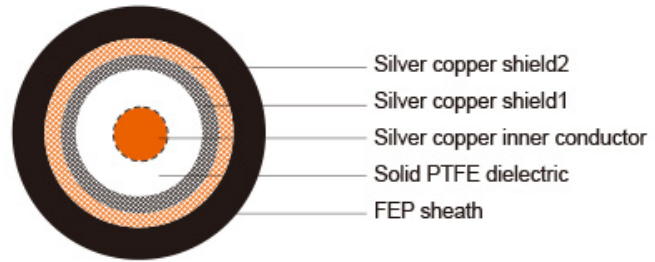


M17/127-RG393 (RG 393/U)



Construction

<b>Inner conductor</b>	Silver plated copper clad steel	7 x 0.79 mm
<b>Dielectric</b>	Solid PTFE	Φ7.25 ± 0.18 mm
<b>Outer conductor (shield)</b>	Silver plated copper	144 x 0.16 mm
<b>Shield coverage</b>		95%
<b>Sheath</b>	FEP	Φ9.90 mm

Electrical & Mechanical Characteristics

<b>Impedance</b>	53±3 Ohm0
<b>Nominal capacitance</b>	94 pF/m
<b>Velocity of propagation</b>	70%
<b>Insulation resistance</b>	>2000 Mohm.Km
<b>Inner conductor resistance</b>	4.99Ohm/Km
<b>Outer conductor resistance</b>	4.0 Ohm/Km
<b>Operating temperature range</b>	-55 °C - +200 °C
<b>Test/Operatig Voltage(max)</b>	5.0 KV/2.5 KV
<b>Copper Weight</b>	- KG/Km
<b>Cable weight (approx.)</b>	24 Kg/Km
<b>Screening effectiveness</b>	80 dB

Attenuation

Frequency (MHz)	Attenuation (dB/100 m)	Attenuation (dB/100ft)
100	6.6	2.01
200	9.7	2.96

400	14.3	4.36
900	22.1	6.74
1000	24	7.32
2000	34.4	10.49
3000	47	14.33
5000	65	19.82

## Return Loss

<b>30-300 MHz</b>	>30dB
<b>300-600 MHz</b>	>28dB
<b>600-900 MHz</b>	>23dB