



## Physical Dimensions

Component	500 Series mm	540 Series mm
Inner Conductor	2.78	3.15
Dielectric	11.50	13.03
Outer Conductor	12.70	13.72
Jacket	14.70	15.30
Steel Messcenger	2.77	2.77

## Mechanical Characteristics

Minimum Bending Radius	15.2cm
Maximum Pulling Tension	136kg <sub>r</sub>
Minimum Breaking Strength of Messenger	816kg <sub>r</sub>

## Electrical Characteristics

Impedance ( Ohms)	75±3
Capacitance(pF/ft)	15.2
Velocity of Propagation	87%
Shielding Effectiveness(≥dB)	100

## Attenuation[@68°F.(20°C.)]

Frequency	500 Series Maximun(dB/100m)	540 Series Maximun(dB/100m)
5Mhz	0.52	0.46
50Mhz	1.69	1.44
100Mhz	2.42	2.09
200Mhz	3.48	3.04
300Mhz	4.32	3.71
400Mhz	5.04	4.33
450Mhz	5.37	4.59
500Mhz	5.69	4.89
550Mhz	5.99	5.12
600Mhz	6.28	5.38
650Mhz	6.56	5.65
750Mhz	7.10	6.07
850Mhz	7.61	6.51
1000Mhz	8.34	7.12

Approval



RoHS CE