



# Synergy Telecom P Ltd.

## RG 214 Coaxial Cable



### Construction

Item	Material	Diameter(mm)
Center Conductor	Bare Copper wire	7/0.752
Insulation	Solid PE	7.24
Shield	Double Copper wire barding	93%+90%
Jacket	PVC	10.8

### Performance

Properties	Details
Cutoff Frequency	4 GHz
Characteristics Impedance	50Ω
V.S.W.R	1.2
Capacitance	101.0pF/m
Min. Bending Radius	55.2mm
Nominal Weight	0.18Kg/m
DC Resistance( Inner Conductor)	1.77Ω/km
DC Resistance(Outer Conductor)	1.9Ω/km
Peak Power Rating	40KW
Temp Range	-25° to +85°C

### Attenuation & Power

Frequency	Attenuation(db/100m, 5-10% Increment allowance)
100MHz	6.6
400MHz	14.1
1000MHz	24.0
3000MHz	46.6