

RoHS  
Compliant



## Product Description:

Application	: For communication and signal control systems
Reference Standard	: Customer's sample spec.and the general standard
Multi-construction	: 1

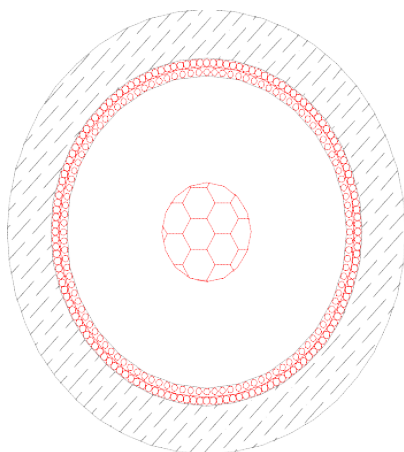
## Cable Construction:

Conductor	: Silver Plated Copper
Construction	: $0.75 \pm 0.01 \times 7$
Standard Dia.(mm)	: 2.3
Insulation	: Solid PE
Thickness	: 2.6
Insulation Dia.( $\pm 0.2$ mm)	: 7.25
Insulation Colour	: Nature
Braiding 1	: Silver Plated Copper
Construction	: $0.16 \pm 0.008 \times 24 \times 6$
Braiding Coverage	: 80%
Braiding 2	: Silver Plated Copper
Construction	: $0.16 \pm 0.008 \times 24 \times 7$
Braiding Coverage	: 90%
Jacket	: PVC
Thickness (mm)	: 0.9
Dia.( $\pm 0.3$ mm)	: 10.8
Jacket Colour	: Black
Marking	: RG Wire & Cable Limited RG 214 50Ω PVC [MM] [WkYr]
Packaging	: 25m reel

## Electrical Characteristics:

Max.Conductor DC Resistance at 20°C ( $\Omega$ /Km)	: <6.1
Min.Insulation DC Resistance at 20°C ( $M\Omega \times Km$ )	: 10,000
Rated Temperature (°C)	: 80
Rated Voltage(V)	: 30
Capacitance (pF/m)	: <101
Velocity Ratio (%)	: 66.7
Impedance ( $\Omega$ )	: 50
Attenuation at 20°C (-dB/100m) ( $\pm 8\%$ )	
100MHz	: 7
500 MHz	: 14.7
1,000MHz	: 22.5
2,500MHz	: 40

## Design:



## Part Number Table

Description	Part Number
Coaxial Cable, RG214, Black, 100m	5279

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