

RoHS
Compliant



Product Description:

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

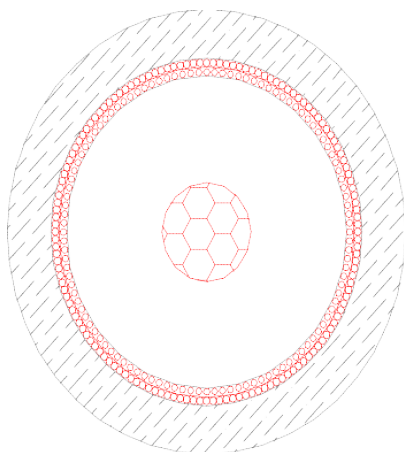
Cable Construction:

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.(± 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.(± 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 (Ω /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 (Ω)	: 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	PP000847

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