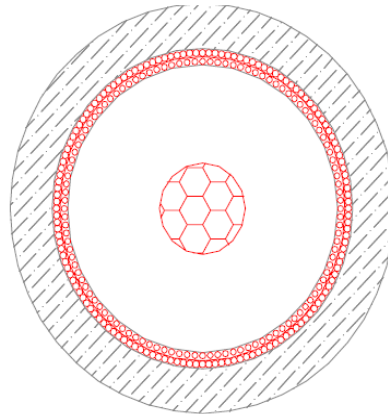


RG 214 PVC, 100m



Application

For communication and signal control systems

Reference Standards

Customer's sample spec and the general standard

Multi Construction

1

Cable Construction

Conductor: Silver Plated Copper

Construction: 0.75±0.01×7

Standard Dia.(mm): 2.30

Insulation: Solid PE

Thickness: 2.6

Insulation Dia.(+/-0.20mm): 7.25

Insulation Colour: Nature

Braiding 1: Silver Plated Copper

Construction (stranded): 0.16±0.008×24×7

Braiding Coverage: 90%

Braiding 2: Silver Plated Copper

Construction (stranded): 0.16±0.008×24×7

Braiding Coverage: 90%

Jacket: PVC

Thickness (mm): 0.90

Dia. (+/-0.3mm): 10.80

Jacket Colour: Black

Marking: RG 214 50Ohm PVC [MM] {WkYr}

Packaging: 100m reel

Electrical Characteristics

Max. Conductor DC Resistance at 20°C (Ω/Km) : <6.1

Velocity Ratio (%): 66.7

Min. Insulation DC Resistance at 500V ($\text{M}\Omega \cdot \text{KM}$) :
>10000

Impedance (Ω): 50

Rated Temperature (°C): 80

Attenuation at 20°C (-dB/100m) (+/-8%):

100 MHz – 7.0

500 MHz – 14.7

1000 MHz – 22.5

2500 MHz – 40.0

Rated Voltage (V): 30

Capacitance (pF/m): <101

RoHS Guideline

We Operate According To The Following Standards.

Control Item	Standard	Testing Method	Testing Equipment
Cadmium Content (Cd)	<0.01%	EN1122	ICP-AES
Lead Content (Pb)	<0.1%	EPA3050B	ICP-AES
Mercury Content (Hg)	<0.1%	EPA3052	ICP-AES
Chromium (VI) Content	<0.1%	EPA3060(UN-VIS)	ICP-AES
Polybrominated Biphenyls (PBB)	Forbidden	GC/MS	
Polybrominated Diphenyl Ether (PBDE)	Forbidden	GC/MC	

This is a reprint of the manufacturer's datasheet; please refer to the cable manufacturer for further details. GCA Ltd makes no claims as to the warranty of the information contained in this datasheet.