

RS Components Part # 6655855 - RG 174 A/U PVC, 100m



Part NO: RGW-237

Product Code: RG174 -U

Product Description

Application:

For communication and signal control systems.

Reference Standard

Customer's sample spec.and the general standard

Multi-construction

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Cable Construction

Conductor	Copper Clad Steel
Conductivity	40%
Construction	0.16 × 7
Stranded Dia. (mm)	0.49
Insulation Layer	Solid PE
Thickness(mm)	0.515
Insulation Dia. (±0.08mm)	1.52
Insulation Color	Natural
Braiding(mm)	Tinned Copper
Construction	T0.10x16x5
Braid Coverage(%)	90%
Jacket	PVC
Thickness(mm)	0.28
Dia.(±0.15mm)	2.60
Jacket Color	Black

Marking

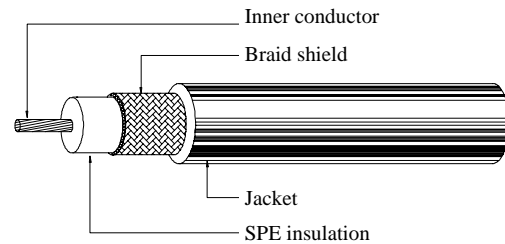
PACKAGING

100m reel

Revision History

A0-1

Design



Electrical Characteristics

Max.Conductor DC Resistance at 20°C (Ω/Km)	330
Min.Insulation DC Resistance at 20 °C (MΩ *KM)	>1000
Rated Temperature(°C)	80
Rated Voltage(V)	30
Capacitance(pF/m)	101+/-5
Velocity ratio (%)	66%
Impedance(Ω)	50+/-3
Attenuation at 20 °C (-dB/100m)(+/-5%)	
100 MHz	27.60
400 MHz	55.80
1000 MHz	89.90

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	/

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