

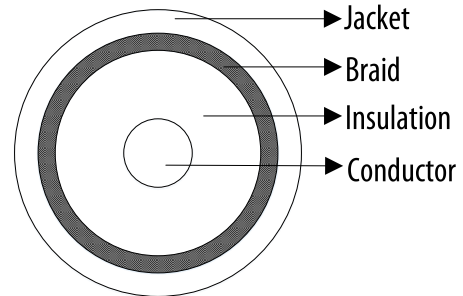
# RG 213B/U 50 Ohm Coaxial Cable



PRODUCT DATA SHEET

RG 213 Coax Cable is a 50 Ohm coax cable used in a vast array of military and commercial applications. With a maximum temperature of 80°C, this allows installation in heat-sensitive environments.

**Design Number** 10320  
**Part Number** See Table 1  
**Customer Number** N/A



## CONSTRUCTION

**Conductor:** Stranded bare copper  
**Conductor Size:** 7/0.75mm  
**Insulation Material:** Solid PE, Neutral  
**Insulated Diameter:** 7.25mm (Nom.)  
**Braid:** Bare copper, coverage min 93%  
**Jacket Material:** PVC  
**Overall Diameter:** 10.30±0.30mm  
**Jacket Color:** Black

## ELECTRICAL CHARACTERISTICS

**Operating Temperature (°C):** 80°C  
**Operating Voltage:** 1000V  
**Conductor Resistance@20°C:** Max 6.13 Ω/km  
**Insulation DC Resistance@20°C:** Min 500 MΩx km  
**Capacitance:** 100±5 pF/m  
**Impedance:** 50±3 Ohm  
**Velocity:** 67%  
**RoHS Compliance:** European Directive 2015/863/EU

Table 1

Part Number	Package
32051915	100m
2000584	500m

### Attenuation (Typical)

Frequency (MHz)	Attenuation (dB/100m)
200	≤10.5
600	≤21.6
1000	≤27.0

**Application:** May be used in radio communications, high-performance electrical and data transmission, broadcast, and computer applications.

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Revision History		
00	2020/11/13	Initial release
Created L. Jian	Approved A. Huang	

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