

# TECHNICAL DATA SHEET

RoHS  
Compliant

## RG174 COAXIAL CABLE

**MODELS:  
PELB0484-PELB0485**

### APPLICATION

This RG174 coaxial cable, has a bare copper conductor, solid PE insulation and tinned copper braid. Used for communication and signal control systems.



### CONSTRUCTION

<b>Conductor</b>	Material	Bare copper
	Stranding	7/0.16mm
<b>Insulation</b>	Material	Solid PE
	OD	1.52mm
<b>Braid</b>	Material	Tinned copper
	Stranding	64/0.1mm
<b>Jacket</b>	Material	PVC
	OD	2.6mm
	Colour	Black
<b>Packaging</b>	Reel	100m (PELB0485)
		500m (PELB0484)

### CHARACTERISTICS AT 20°C

<b>Conductor DC Resistance</b>	$\leq 122.5\Omega/\text{km}$
<b>Insulation DC Resistance @ 500V</b>	$\geq 1,000\text{M}\Omega/\text{km}$
<b>Rated Voltage</b>	24V
<b>Impedance</b>	50 $\Omega$
<b>Capacitance</b>	101pF/m
<b>Velocity Ratio</b>	66%
<b>Permissible Temperature</b>	-10°C to +60°C

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## ATTENUATION

<b>Frequency (MHz)</b>	10	50	100	200	500	800	1,000
<b>Attenuation (db/100m)</b>	11.2	19.8	28.7	42.1	69.9	96.7	115.4

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