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Cable Specification

C07-R214Z01P/BK – RG214 Type 50ohm Coaxial Cable PVC
Cable for use with low-power signal and RF transmissions.



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Construction

Conductor

Material: Silver Plated Copper
Construction: 7/0.75mm

Dielectric

Material: Solid Polyethylene
Diameter: 7.20mm

1st Braid Screen

Material: Silver Plated Copper
Construction: 0.16mm x 24 x 6 (95%)

2nd Braid Screen

Material: Silver Plated Copper
Construction: 0.16mm x 24 x 7 (98%)

Sheath

Material: Polyvinyl Chloride
Diameter: 10.80mm

Mechanical Characteristics

Operating Temperature (°C): -15 to +70

Electrical Characteristics at 20°C

Impedance (Ω):	50±3
Max. Conductor DC Resistance (Ω/km):	<5.7
Capacitance (pF/m):	104
Velocity Ratio (%):	66
Attenuation (dB/100m):	50MHz <4.8
	100MHz <7.0
	200MHz <10.3
	400MHz <15.2
	500MHz <17.0
	600MHz <19.2
	860MHz <24.0
	1000MHz <26.3

Compliance

RoHS II Directive (2011/65/EU & 2015/863)
REACH (1907/2006)

Part Options

C07-R214Z01P/BK | RG214 Type Black PVC

Connectors, cable preparation tools and crimp tools are also available.

Important:

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