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Cable Specification

C07-R214M01P/BK – RG214/U Mil-Spec 50ohm Coaxial PVC
Cable generally to MIL-C-17 for use with low-power signal and RF transmissions.



Image is for reference only. ©KSM Ltd

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-R214M01P/BK | RG214/U Mil-Spec Black PVC

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

Important:

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