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Cable Specification

C07-R213M01P/BK – RG213/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: Bare Copper
Construction: 7/0.75mm

Dielectric

Material: Solid Polyethylene
Diameter: 7.24mm

Braid Screen

Material: Bare Copper
Construction: 0.18mm x 24 x 8 (95%)

Sheath

Material: Polyvinyl Chloride
Diameter: 10.30mm

Mechanical Characteristics

Operating Temperature (°C): -20 to +85

Electrical Characteristics at 20°C

Impedance (Ω):	50±3
Max. Conductor DC Resistance (Ω/km):	<5.9
Max. Screen DC Resistance (MΩ*km):	<4.3
Capacitance (pF/m):	93.5
Velocity Ratio (%):	>66
Operating Voltage (V):	600
Attenuation (dB/100m):	1MHz 0.6
	10MHz 1.8
	50MHz 4.3
	100MHz 6.2
	700MHz 21.3
	900MHz 24.9
	1000MHz 26.2

Compliance

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

Part Options

C07-R213M01P/BK | RG213/U Mil-Spec Black PVC

LSZH options available on request.

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

Important:

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