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Cable Specification

C07-R223M01P/BK – RG223/U Mil-Spec 50ohm Coaxial PVC

Cable generally to MIL-C-17 for use with RF transmissions, radio systems, test cable sets and GPS applications.



Image is for reference only. ©KSM Ltd

Construction

Conductor

Material: Silver Plated Copper
Construction: 1/0.90mm

Dielectric

Material: Solid Polyethylene
Diameter: 2.95mm

1st Braid Screen

Material: Silver Plated Copper
Construction: 0.127mm x 16 x 7 (96%)

2nd Braid Screen

Material: Silver Plated Copper
Construction: 0.127mm x 16 x 7 (95%)

Sheath

Material: Polyvinyl Chloride
Diameter: 5.40mm

Mechanical Characteristics

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

Electrical Characteristics at 20°C

Impedance (Ω):	50±3
Max. Conductor DC Resistance (Ω/km):	30
Capacitance (pF/m):	101
Velocity Ratio (%):	66
Attenuation (dB/100m):	
100MHz	15.8
200MHz	23.0
300MHz	28.2
500MHz	36.8
800MHz	48.5
1000MHz	54.1

Compliance

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

REACH (1907/2006)

Part Options

C07-R223M01P/BK | RG223/U Mil-Spec Black PVC

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

Important:

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