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Cable Specification

C07-R178M01F/BN – RG178B/U Mil Spec 50ohm Coaxial FEP
Cable generally to MIL-C-17 for use with wireless, broadcast, and radio frequency transmission applications.



Image is for reference only. ©KSM Ltd

Construction

Conductor

Material: Silver Plated Copper
Construction: 7/0.10mm

Dielectric

Material: Solid Polytetrafluoroethylene
Diameter: 0.84mm

Braid Screen

Material: Silver Plated Copper
Coverage: 96%

Sheath

Material: Fluorinated Ethylene
Propylene
Diameter: 1.80mm

Mechanical Characteristics

Operating Temperature (°C): -55 to +200

Electrical Characteristics at 20°C

Characteristic Impedance (Ω):	50±2
Capacitance (pF/m):	96.5
Velocity Ratio (%):	70
Voltage (V):	750
Attenuation (dB/100m):	
100MHz	45.3
400MHz	91.2
1000MHz	145.7
3000MHz	257.2

Compliance

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

Part Options

C07-R178M01F/BN | RG178B/U Mil Spec Brown FEP

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

Important:

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