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Cable Specification

C07-R303M01F/BN – RG303/U Mil Spec 50ohm Coaxial Cable 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 Clad Steel
Construction: 1/0.94mm

Dielectric

Material: Solid Polytetrafluoroethylene
Diameter: 2.95mm

Braid Screen

Material: Silver Plated Copper
Coverage: 95%

Sheath

Material: Fluorinated Ethylene Propylene
Diameter: 4.30mm

Mechanical Characteristics

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

Electrical Characteristics at 20°C

Characteristic Impedance (Ω):	50±2
Capacitance (pF/m):	94
Velocity Ratio (%):	70
Voltage (V):	1400
Attenuation (dB/100m):	
100MHz	13.0
200MHz	18.0
400MHz	26.0
600MHz	40.0
1200MHz	46.0
1800MHz	57.0
2000MHz	61.0

Compliance

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

Part Options

C07-R303M01F/BN | RG303/U Mil Spec Brown FEP

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

Important:

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