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Cable Specification

C07-R058M01P/BK – RG58C/U Mil-Spec 50ohm Coaxial PVC
Cable generally to MIL-C-17 for use with low-power signal and RF connections.



Image is for reference only. ©KSM Ltd

Construction

Conductor

Material: Tinned Copper
Construction: 19/0.18mm

Dielectric

Material: Solid Polyethylene
Diameter: 2.95mm

Braid Screen

Material: Tinned Copper
Coverage: >90%

Sheath

Material: Polyvinyl Chloride
Diameter: 5.00mm

Electrical Characteristics at 20°C

Characteristic Impedance (Ω):	50 $\pm$ 3
Conductor DC Resistance (Ω /km):	$\leq$ 40.7
Capacitance (pF/m):	100
Velocity Ratio (%):	66
Attenuation (dB/100m):	
50MHz	4.0
100MHz	6.5
500MHz	19.5
1000MHz	28.0

Compliance

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

Part Options

C07-R058M01P/BK | RG58C/U Mil-Spec Black PVC

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

Important:

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