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Cable Specification

C07-R174Z01P/BK – RG174 Type 50ohm Coaxial Cable PVC
Cable for use with low-power signal and RF connections.



Image is for reference only. ©KSM Ltd

Construction

Conductor

Material: Copper Clad Steel
Construction: 7/0.16mm

Dielectric

Material: Solid Polyethylene
Diameter: 1.52mm

Braid Screen

Material: Tinned Copper Clad Aluminium
Coverage: >85%

Sheath

Material: Polyvinyl Chloride
Diameter: 2.80mm

Electrical Characteristics at 20°C

Characteristic Impedance (Ω):	50 $\pm$ 3
Max. Conductor DC Resistance (Ω /km):	<317
Capacitance (pF/m):	105
Velocity Ratio (%):	66
Attenuation (dB/100m):	
50MHz	21.3
100MHz	32.8
400MHz	82.0
1000MHz	147.6

Compliance

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

Part Options

C07-R174Z01P/BK | RG174 Type Black PVC

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

Important:

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