



Unit 2 Eldon Road
Industrial Estate,
Beeston,
Nottingham,
NG9 6DZ

0115 968 3540
sales@ksm.co.uk
www.ksm.co.uk

Cable Specification

C07-R174A01P/BK – RG174A/U 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
Construction: 0.10mm x 16 x 4 (84%)

Sheath

Material: Polyvinyl Chloride
Diameter: 2.60mm

Electrical Characteristics at 20°C

Characteristic Impedance (Ω):	50 $\pm$ 3
Max. Conductor DC Resistance (Ω /km):	<330
Min. Insulation DC Resistance (M Ω /*km):	>200
Capacitance (pF/m):	<105
Velocity Ratio (%):	66
Rated Voltage (V):	30
Attenuation (dB/100m):	10MHz 10.50
	100MHz 27.50
	200MHz 41.00

Compliance

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

Part Options

C07-R174A01P/BK | RG174A/U Black PVC

LSZH sheath options available on request.

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

Important:

All information, including illustrations, are correct at time of publishing. Users however should independently evaluate the suitability of each product for their particular application. KSM Ltd makes no warranties as to the accuracy or completeness of the information and disclaims any liability regarding its use. Specifications are subject to change without notice. In addition KSM Ltd reserves the right to make changes, without notification to the Buyer, to processing or materials that do not affect compliance with any applicable specification. All values are given as a nominal representation. Copying of this information in whole or part must be authorised in writing by KSM Ltd and the information must only be used for the purposes authorised. ©KSM Ltd.