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## Cable Specification

C07-U06701x/BK– URM67 Type 50ohm Coaxial Cable  
Cable for use with low-power signal and RF transmissions.



Image is for reference only. ©KSM Ltd

### Construction

#### Conductor

Material: Bare Copper  
Construction: 7/0.75mm

#### Dielectric

Material: Polyethylene  
Diameter: 7.25mm

#### Braid Screen

Material: Copper Clad Aluminium  
Coverage: 95%

#### Sheath

Material: Polyvinyl Chloride  
or  
Low Smoke Zero Halogen  
Diameter: 10.30mm

### Mechanical Characteristics

Operating Temperature (°C): -15 to +70  
Min. Installation Temperature (°C): -5

### Electrical Characteristics at 20°C

|                                                |             |
|------------------------------------------------|-------------|
| Characteristic Impedance ( $\Omega$ ):         | 50 $\pm$ 3  |
| Inner Conductor DC Resistance ( $\Omega$ /km): | $\leq$ 6.13 |
| Capacitance (pF/m):                            | 100 $\pm$ 3 |
| Velocity Ratio (%):                            | 66.6        |
| Attenuation (dB/100m):                         |             |
| 100MHz                                         | <6.8        |
| 200MHz                                         | <9.9        |
| 600MHz                                         | <18.6       |
| 1000MHz                                        | <25.2       |

### Compliance

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

### Part Options

C07-U06701P/BK | URM67 Type Black PVC  
C07-U06701Z/BK | URM67 Type Black LSZH

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

#### Important:

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