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Cable Specification

C07-U04301x/BK– URM43 Type 50ohm Coaxial Cable
Cable for use with low-power signal and RF connections.



Image is for reference only. ©KSM Ltd

Construction

Conductor

Material: Bare Copper
Construction: 1/0.90mm

Dielectric

Material: Polyethylene
Diameter: 2.95mm

Braid Screen

Material: Copper Clad Aluminium
Coverage: 65%

Sheath

Material: Polyvinyl Chloride
or
Low Smoke Zero Halogen
Diameter: 5.00mm

Mechanical Characteristics

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

Electrical Characteristics at 20°C

Characteristic Impedance (Ω):	50 $\pm$ 3
Inner Conductor DC Resistance (Ω /km):	$\leq$ 29.8
Capacitance (pF/m):	100 $\pm$ 3
Velocity Ratio (%):	66.7
Attenuation (dB/100m):	
100MHz	<13.0
200MHz	<18.7
300MHz	<23.2
600MHz	<33.8
1000MHz	<44.6

Compliance

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

Part Options

C07-U04301P/BK	URM43 Type Black PVC
C07-U04301Z/BK	URM43 Type Black LSZH

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

Important:

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