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Cable Specification

C07-U07601P/BK – URM76 Type 50ohm Coaxial Cable PVC

Cable used for radio frequency signal and broadcast transmission.



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Construction

Conductor

Material: Plain Copper
or
Tinned Copper*
Construction: 7/0.32mm
*dependant on manufacturer.

Dielectric

Material: Polyethylene
Diameter: 2.95mm

Braid Screen

Material: Copper Clad Aluminium
Coverage: 85%

Sheath

Material: Polyvinyl Chloride
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):	$\leq$ 38.3
Capacitance (pF/m):	100 $\pm$ 3
Velocity Ratio (%):	66.7
Attenuation (dB/100m):	
100MHz	<10.3
230MHz	<23.0
300MHz	<27.0
470MHz	<34.2
800MHz	<47.0
1000MHz	<53.0

Compliance

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

Part Options

C07-U07601P/BK | URM76 Type Black PVC

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

Important:

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