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Cable Specification

C07-R006D01P/xx – RG6 SDU 75ohm Coaxial Cable CAI Approved
Cable for use with digital, satellite, terrestrial and cable TV installations within
domestic or single dwelling units.

RG6 SDU Cable



Image is for reference only. ©KSM Ltd

Electrical Characteristics at 20°C

Characteristic Impedance (Ω):	75 $\pm$ 3
Inner Conductor DC Resistance (Ω /km):	$\leq$ 105
Outer Conductor DC Resistance (Ω /km):	$\leq$ 63.5
Capacitance (pF/m):	53
Velocity Ratio:	0.81
Attenuation (dB/100m):	
5MHz	<2.0
50MHz	<4.9
100MHz	<6.9
200MHz	<9.7
460MHz	<14.8
860MHz	<20.2
1000MHz	<21.8
1750MHz	<28.8
2150MHz	<32.0
Return Loss:	
5-470MHz	>23.0
470-862MHz	>20.0
862-2150MHz	>18.0

Compliance

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

Part Options

C07-R006D01P/BK	RG6 SDU Black PVC
C07-R006D01P/BN	RG6 SDU Brown PVC
C07-R006D01P/WH	RG6 SDU White PVC

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

Construction

Conductor

Material:	Copper Clad Steel
Construction:	1/1.00mm

Dielectric

Material:	Foam Polyethylene
Diameter:	4.80mm

Foil Screen

Material:	Aluminium Foil Tape
Coverage:	100%

Braid Screen

Material:	Aluminium
Coverage:	>40%

Sheath

Material:	Polyvinyl Chloride
Diameter:	6.55mm

Standards



Trade Association for
Content Delivery

CAI-013-C/RG6-CAI-SDU/11-2012
Approval Certificate: | CAI0110*
*refers to year code
BS EN 50117

Important:

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