

MK-FOUR RG 6/U COAXIAL CABLE – BM5 SERIES



APPLICATION

- Ideal wiring for CATV, satellite dish and TV antenna connections
- For cabling cameras and other closed circuit devices in long (1,000ft/ 305m) cable runs with less loss than RG 59 cable

INDUSTRY STANDARD

- Reference standard : UL444, UL13, UL 1665
- UL Certified : File No. E315483

SPECIFICATIONS

Part No.	BM5-CS-6100W, BM5-CS-6300W, BM5-CS-6300B	
Physical Characteristics		
Conductor	CCS - Copper Claded Steel 1.02mm (18AWG)	
Stranding	Solid	
Insulation		
Insulation Material	4.57mm Gas-injected FPE - Foam Polyethylene	
Outer Shield		
Outer Shield Material	Aluminium Mylar (100%) Aluminium Braid (60%)	
Outer Jacket		
Outer Jacket Material	PVC - Polyvinyl Chloride	
Jacket Color	Available Black or White	
Overall Cabling		
Overall Nominal Diameter	6.76mm ± 0.03mm	
Mechanical Characteristics		
Operating Temperature Range	-40°C to +80°C (-104°F to +176°F)	
UL Temperature Rating	+75°C (+176°F)	
Bulk Cable Weight	12 kg/ 300m	
Max. Recommended Pulling Tension	30 kN	
Min. Bend Radius (Install)/ Minor Axis	50mm	
Electrical Characteristics		
Nom. Characteristic Impedance	75 ± 3 Ohms	
Nom. Inductance	0.097 µH/ 0.3m	
Nom. Capacitance Conductor to Shield	16.300 pF/ 0.3m	
Nominal Velocity of Propagation	83%	
Nominal Delay	1.210 ns/ 0.3m	
Nom. Conductor DC Resistance	28.00 DCR at 20°C (Ohm/ 300m)	
Nominal Outer Shield DC Resistance	9.000 DCR at 20°C (Ohm/ 300m)	
Max. Attenuation		
Frequency (MHz)	Attenuation (dB/ 100ft.)	Attenuation (dB/ 100m)
5.000	0.820	2.69
55.000	1.630	5.35
211.000	3.120	10.23
270.000	3.540	11.611
300.000	3.780	12.40
330.000	3.930	12.89
400.000	4.320	14.17
450.000	4.620	15.15
550.000	5.140	16.86
750.000	6.160	20.20
870.000	6.620	21.71
1000.000	7.190	23.58
Max. Operating Voltage - UL	350V RMS	
Packing	100m / Roll 300m / Reel	