

# MK-FOUR RG 6/U COAXIAL CABLE – BM6 SERIES (OUTDOOR CABLE)



## APPLICATION

- Ideal wiring for CATV, satellite dish and TV antenna outdoor 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

<b>Part No.</b>	<b>BM6-BC-6300JB</b>	
<b>Physical Characteristics</b>		
Conductor	BC - Bare Copper 1.02mm (18AWG)	
Stranding	Solid	
<b>Insulation</b>		
Insulation Material	4.57mm Gas-injected FPE - Foam Polyethylene	
<b>Outer Shield</b>		
Outer Shield Material	Aluminium Mylar (100%) Aluminium Braid (60%) Jelly Filled	
<b>Outer Jacket</b>		
Outer Jacket Material	MDPE – Medium Density Polyethylene	
Jacket Color	Black	
<b>Overall Cabling</b>		
Overall Nominal Diameter	6.95mm ± 0.03mm	
<b>Mechanical Characteristics</b>		
Operating Temperature Range	-30°C to +75°C (-86°F to +167°F)	
UL Temperature Rating	+75°C (+167°F)	
Bulk Cable Weight	35 kg	
Max. Recommended Pulling Tension	30 kN	
Min. Bend Radius (Install)	69.90mm	
<b>Electrical Characteristics</b>		
Nom. Characteristic Impedance	75 ± 3 Ohms	
Nom. Inductance	0.097 µH/ 0.3m	
Nom. Capacitance Conductor to Shield	16.200 pF/ 0.3m	
Nominal Velocity of Propagation	82%	
Nominal Delay	1.240 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)	
<b>Nom. Attenuation</b>		
<b>Frequency (MHz)</b>	<b>Attenuation (dB/ 100ft.)</b>	<b>Attenuation (dB/ 100m)</b>
1.000	0.24	0.74
5.000	0.56	1.83
7.000	0.66	2.16
10.000	0.74	2.42
88.500	1.78	5.83
100.000	1.86	6.10
135.000	2.16	7.08
143.000	2.20	7.21
180.000	2.45	8.03
270.000	3.10	10.16
360.000	3.47	11.38
540.000	4.35	14.26
720.000	5.12	16.79
750.000	5.23	17.15
1000.000	5.93	19.45
1500.000	7.37	24.17
2000.000	8.63	28.30
2250.000	9.30	30.50
3000.000	11.72	38.44
Max. Operating Voltage - UL	300V RMS	
Packing	300m / Reel	