MK-FOUR RG 11/U COAXIAL CABLE

DESCRIPTION

RG 11 series, 14 AWG solid, 1.63mm Copper Clad Steel conductor, gas-expanded foam polyethylene insulation aluminum shield, 80% coverage, PVC jacket

APPLICATION

Used as a distribution cable for indoor CATV, CCTV systems and as a connection cable for satellite systems where lower attenuation required.

PHYSICAL CHARACTERISTICS

Part No.	**BM5-CS-11300, BM5-CS-11300JB**
Conductor	
Inner Conductor	1/1.63 mm (14 AWG)
Stranding	Solid
Conductor Material	Copper Clad Steel
Dielectric	
Material	Foam Polyethylene
Diameter	7.10mm
Outer Shield	
Shield Type	Tape/ Braid
Shield Material	Bonded Aluminum Foil – Polyester Tape or with Jelly filled
Foil Coverage	100.00%
Braid Coverage	80% AL – Aluminum
Braid Wire Size	34 AWG (0.16mm x 128)
Outer Jacket	
Outer Jacket Material	PVC – Polyvinyl Chloride
Outer Jacket Color	Black
Outer Jacket Nom. Thickness	1.0mm
Overall Nominal Diameter	10.03mm
Electrical Properties	
Nom. Characteristic Impendence	75 Ohms
Capacitance	52 ± 3 pF/ m
Nominal Velocity of Propagation	82.00%

Nom. Attenuation at 20°C

For CATV		For Satellite	
Frequency (MHz)	**Attenuation (dB/ 100m)**	**Frequency (MHz)**	**Attenuation (dB/ 100m)**
5.000	1.25	1.000	0.66
55.000	3.15	10.000	1.48
83.000	3.87	50.000	3.12
187.000	5.74	100.000	4.43
211.000	6.23	200.000	6.40
250.000	6.72	400.000	9.91
300.000	7.38	700.000	14.27
350.000	7.94	900.000	17.03
400.000	8.53	1000.000	18.34
450.000	9.02	1450.000	21.95
500.000	9.51	1800.000	24.51
550.000	9.97	2200.000	27.20
600.000	10.43		
750.000	11.97		
865.000	13.051		
1000.000	14.27		

Structural Return Loss (SRL)	Frequency (MHz)	Max. Attenuation (dB/ 100m)
At	5 - 470	> 25
At	470 - 1000	> 23
At	1000 - 2200	> 20

DC Withstand Voltage	2 Amps
Insulation Resistance	6 Mega Ohms
Inner Conductor DC Resistance	104 Ohm/ km
Outer Conductor DC Resistance	38 Ohm/ km
Max. Operating Voltage – UL	350V RMS
Sweep Testing	100% Sweep tested 5.0 MHz to 2.2 GHz

Packing	300m / Reel