

RG6/U CCTV POWER CABLE

KT0712

Construction Parameters:

Inner Conductor	0.04"/1.02mm/18AWG Copper
Dielectric	0.175" /4.45mm Foamed PE
Shield 1	Bonded Aluminum Foil Shield
Shield 2	Bare Copper braid wire 95% coverage Nominal Diameter Over Shielding: 0.20"/5.1 mm
Jacket	0.262±0.006"/6.65±0.15mm PVC (NEC RISER) Flame Retardation: The cable shall meet IEC 60332-1
Power Wire Conductor	2 - 18 AWG 16×0.001"/16×0.254mm Bare Copper
Power wire Diameter of insulation	0.075"/1.90mm PVC (NEC RISER)
Power Wire Color Code	Red,Black
Jacket	0.199"/5.05±0.1mm PVC (NEC RISER)
Application	For Use in Longer CCTV Run Lengths
Limited Length	Typical run length up to 1600 feet

Electrical Characteristics:

Inner Conductor Resistance	The Max. at 20°C shall be < 21.2 Ω/km (6.96 Ω/kft)	
Capacitance	52 ±3 pF/m	17±0.3 pF/ft
Impedance	75 ± 3 Ω	
Return loss	between 5 and 1000MHz: > 22dB	
Velocity of Propagation	0.85	
Sparker Test (VAC)	4	

Attenuation(20°C):

Frequency (MHZ)	Max Attenuation (dB/100ft)	Max Attenuation (dB/100m)
5	0.62	1.90
55	1.72	5.25
187	3.07	9.35
211	3.28	10.00
400	4.46	13.61
500	5.01	15.29
750	6.08	18.54
860	6.56	20.01
1000	7.05	21.49

Mechanical and Environmental Properties

Cable bend radius	10 times the cable diameter
Operating Temp Range (PVC)	-20 °C to 75°C
Cable diamensions	6.86±0.15mm /0.27±0.006" PVC (NEC RISER)
Cable weight	

Order Informations:

Marking	KINGTONE KT0712 RG6/U 95% BC + 2C-18AWG BC CLASS 5 ETL XXXXXXXX RoHS CMR CL2 75C XXXFT CAMERA/ZONE A B C D E F 1 2 3 4 5 6 7 8 9
Package	500FT/Pull Box,1000FT/Wooden Spool,Pallet
Delivery time	Normally 20-25 days after received the deposit.

Online Service:

Skype	kingtone3
ICQ	246632889