



Indoor RG6 Coaxial Cable (CB-0109S)



INNER CONDUCTOR

- Material: Copper Cover Steel
- Diameter: 1.02mm
- Conductivity:20%

DIELECTRIC CORE

- Material: Physical Foamed Polyethelene
- Diameter: 4.57mm

BRAID

- Material: AL-MG Alloy
- Form: 128× 0.12mm (Coverage: 90%)

BONDED FOIL

- Material: Aluminum/Pet
- Breadth: 18mm
- Thickness: 15/12/15 μ
- Coverage: 100%

JACKET

- Material: PVC (white or black)
- Diameter: 6.86mm

IMPEDANCE

- 75 Ohm \pm 2 Ohm

NOMINAL CAPACITANCE

- 51.2 pF/m \pm 2 pF/m

VELOCITY RATIO

- 85%

SCREENING EFFICIENCY

- VHF:80dB
- UHF:75dB

STRUCTURAL RETURN LOSS

- 5-300 MHz > 20dB
- 300-960MHz >18dB

SHEATH TENSION TEST

- 2.0 Kv

DCR(Ohm)

- Conductor(Kft/km):29/98
- Shield:(Kft/km):9.8/32

Temperature:

- Operation:-20° -----75°
- Installation: 0° -----60°

NOMINAL ATTENUATION		
Frequence(MHz)	Max value(dB /100m)	Max value(dB /100feet)
5	1.80	0.55
50	4.70	1.43
55	4.95	1.51
200	9.50	2.90
211	9.70	2.95
300	11.00	3.36
400	12.80	3.90
450	13.40	4.10
500	14.62	4.46
550	14.80	4.52
600	15.65	4.77
750	17.20	5.25
800	18.90	5.76
860	20.30	6.20
1000	21.80	6.55
1350	25.40	7.75
1750	29.00	8.84
2150	32.80	9.90



APPLICATION:

SECURITY,CCTV, CATV, MATV TV CABLE

TENSILE STRENGTH

Maximum pulling tension:126LBS



BENDING MINIMUM BENDING RADIUS

LOAD:20Times cable OD

UNLOAD: 10Times cable OD

SPARKER:

VAC: 4000

DIELECTRIC STRENGTH

VAC:2500