



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: 15/12/15μ

Coverage: 100%

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

JACKET

Material: PVC (white or black)

Diameter: 6.86mm

IMPEDANCE

75 Ohm ± 2 Ohm

NOMINAL CAPACITANCE

51.2 pF/m ± 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°



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