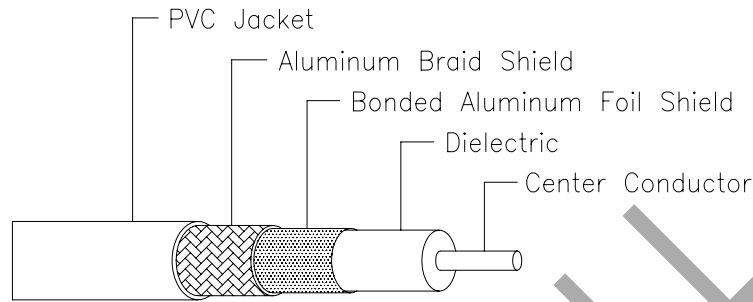


RevNo	Revision note	Date
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CONSTRUCTION DETAILS

CENTER CONDUCTOR :

20AWG Copper-Clad Steel
Nominal Diameter 0.032" (0.81 mm)

DIELECTRIC :

Gas Expanded Polyethylene
Nominal Diameter Over Dielectric : 0.144" (3.66 mm)

SHIELD :

1st Shield : Aluminum-Polypropylene-Aluminum
Laminated Tape with Overlap Bonded to the Dielectric
Nominal Diameter Over Tape : 0.150" (3.81 mm)
2nd Shield : Aluminum Braid Wire 90% Coverage

JACKET :

Flame Retardant PVC Jacket
Nominal Diameter Over Jacket : 0.234" (5.94 mm)
Nominal Jacket Thickness : 0.032" (0.82 mm)

LISTING AND RATINGS : UL TYPE CATV

ELECTRICAL PROPERTIES :


Impedance : 75.0 ±3.0 Ohms

Velocity of propagation : 85.0% Nominal

Capacitance Conductor to Shield : 16.2 pF/ft (53.1 pF/m) Nominal

ATTENUATION : @ 68 °F (20 °C)

@ Frequency MHz	dB/100 ft. (MAX.)	dB/100 meters (MAX.)
5 MHz	0.86 dB	2.82 dB
55 MHz	2.05 dB	6.73 dB
83 MHz	2.45 dB	8.04 dB
187 MHz	3.60 dB	11.81 dB
211 MHz	3.80 dB	12.47 dB
250 MHz	4.10 dB	13.45 dB
300 MHz	4.45 dB	14.60 dB
350 MHz	4.80 dB	15.75 dB
400 MHz	5.10 dB	16.73 dB
450 MHz	5.40 dB	17.72 dB
500 MHz	5.70 dB	18.70 dB
550 MHz	5.95 dB	19.52 dB
600 MHz	6.20 dB	20.34 dB
750 MHz	6.97 dB	22.87 dB
865 MHz	7.52 dB	24.67 dB
1000 MHz	8.12 dB	26.64 dB

Designed by - date	Checked by - date	Approved by - date	Date 20/08/2009	Size A4	Scale -
 HOSIWELL TECHNOLOGY CO., LTD.			Part Name CATV/CCTV Coaxial Cable	Unit -	
			Part No. D-RG59-S90	Issued 1	
			Ref. No.	Sheet 1 of 1	
			Used On.		