

RevNo	Revision note	Date
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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

CONSTRUCTION DETAILS

CENTER CONDUCTOR :
 18AWG Copper-Clad Steel
 Nominal Diameter 0.040" (1.02 mm)

DIELECTRIC :
 Gas Expanded Polyethylene
 Nominal Diameter Over Dielectric : 0.180" (4.57 mm)

SHIELD :
 1st Shield : Aluminum-Polypropylene-Aluminum Laminated Tape with Overlap Bonded to the Dielectric
 Nominal Diameter Over Tape : 0.186" (4.72 mm)
 2nd Shield : Aluminum Braid Wire 90% Coverage


JACKET :
 Flame Retardant PVC Jacket
 Nominal Diameter Over Jacket : 0.272" (6.91 mm)
 Nominal Jacket Thickness : 0.030" (0.77 mm)

MESSENGER :
 Nominal Diameter of Messenger : 0.051" (1.30 mm)
 Minimum Breaking Strength : 180 lbs. (82 kg)
 Nominal Diameter Overall for Messenger : 0.118" (3.00 mm)
 Nominal Jacket Thickness for Messenger : 0.033" (0.85 mm)

LISTING AND RATINGS : UL TYPE CATV

ATTENUATION : @ 68 °F (20 °C)

@ Frequency MHz	dB/100 ft. (MAX.)	dB/100 meters (MAX.)
5 MHz	0.57 dB	1.87 dB
55 MHz	1.50 dB	4.94 dB
211 MHz	2.87 dB	9.43 dB
250 MHz	3.12 dB	10.22 dB
270 MHz	3.24 dB	10.63 dB
300 MHz	3.43 dB	11.25 dB
330 MHz	3.61 dB	11.84 dB
350 MHz	3.72 dB	12.20 dB
400 MHz	4.00 dB	13.12 dB
450 MHz	4.28 dB	14.04 dB
500 MHz	4.51 dB	14.80 dB
550 MHz	4.76 dB	15.62 dB
600 MHz	4.98 dB	16.34 dB
750 MHz	5.62 dB	18.44 dB
870 MHz	6.09 dB	19.99 dB
1000 MHz	6.54 dB	21.46 dB

Designed by - date	Checked by - date	Approved by - date	Date 17/08/2009	Size A4	Scale -
 HOSIWELL TECHNOLOGY CO., LTD.			Part Name CATV/MATV Coaxial Drop Cable	Unit -	
			Part No. C-RG6-S90-M	Issued 1	
			Ref. No.	Sheet	
			Used On.	1 of 1	