

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 :

20AWG Solid Bare Copper Wire
 Nominal Diameter 0.031" (0.80 mm)

DIELECTRIC :

Gas Expanded Polyethylene
 Nominal Diameter Over Dielectric : 0.145" (3.68 mm)

SHIELD :

Braid Shield 95% Coverage

INNER JACKET : PVC

Nominal Diameter over Jacket : 0.242" (6.15 mm)
 Nominal Jacket Thickness : 0.039" (0.99 mm)

OUTER JACKET : PVC


Nominal Diameter over Jacket : 0.329" (8.35 mm)
 Nominal Jacket Thickness : 0.044" (1.10 mm)

Listing and Ratings

UL 131077 AWM 1354

ATTENUATION : @ 68 °F (20 °C)

◎ Frequency MHz	dB/100 ft. (MAX.)	dB/100 meters (MAX.)
1 MHz	0.3 dB	1.0 dB
10 MHz	0.9 dB	3.0 dB
50 MHz	1.9 dB	6.2 dB
100 MHz	2.6 dB	8.5 dB
200 MHz	3.6 dB	11.8 dB
400 MHz	5.0 dB	16.4 dB
700 MHz	7.0 dB	23.0 dB
900 MHz	8.0 dB	26.3 dB
1000 MHz	8.5 dB	27.9 dB

Designed by - date	Checked by - date	Approved by - date	Date 23/07/2008	Size A4	Scale -
 HOSIWELL TECHNOLOGY CO., LTD.			Part Name CCTV Coaxial Cable	Unit -	
			Part No. F-RG-59/U-D	Issued 1	
			Ref. No.	Sheet 1 of 1	
			Used On.		