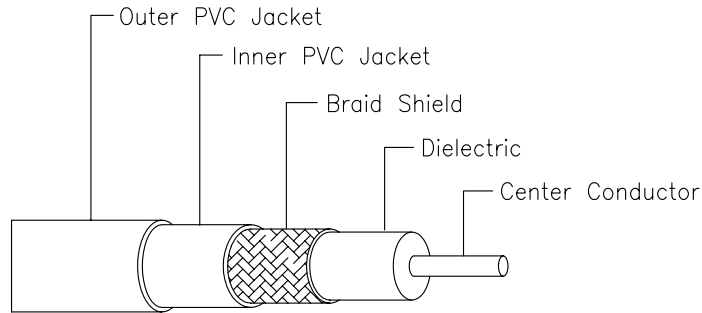


RevNo	Revision note	Date
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**Construction Details**

**Center Conductor :**

18AWG Solid Bare Copper Wire  
Nominal Diameter 0.040" (1.02 mm)

**DIELECTRIC :**

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

**SHIELD :**

Braid Shield 95% Coverage

**INNER JACKET : PVC**

Nominal Diameter over Jacket : 0.283" (7.20 mm)  
Nominal Jacket Thickness : 0.042" (1.065 mm)

**OUTER JACKET : PVC**

Nominal Diameter over Jacket : 0.382" (9.70 mm)  
Nominal Jacket Thickness : 0.049" (1.25 mm)

**Listing and Ratings**

UL 131077 AWM 1354

**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.)
1 MHz	0.3 dB	1.0 dB
10 MHz	0.7 dB	2.3 dB
50 MHz	1.5 dB	4.9 dB
100 MHz	2.0 dB	6.6 dB
200 MHz	2.8 dB	9.2 dB
400 MHz	4.0 dB	13.1 dB
700 MHz	5.3 dB	17.4 dB
900 MHz	6.1 dB	20.0 dB
1000 MHz	6.5 dB	21.3 dB

Designed by - date	Checked by - date	Approved by - date	Date 23/07/2008	Size A4	Scale -
 <b>HOSIWELL TECHNOLOGY CO., LTD.</b>			Part Name CCTV Coaxial Cable	Unit -	
			Part No. F-RG-6/U-D	Issued 1	
			Ref. No.	Sheet	
			Used On.	1 of 1	