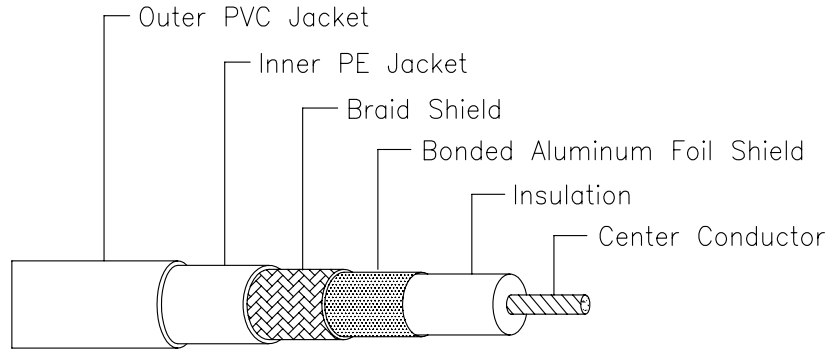


RevNo	Revision note	Date
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ELECTRICAL PROPERTIES :

Impedance : 50 ±2.0 Ohms

Velocity of propagation : 66.0% Nominal

Capacitance Conductor to Shield : 30.8 pF/ft Nominal

CONSTRUCTION DETAILS

CENTER CONDUCTOR :

20AWG (19/0.18mm) Stranded Tinned Copper Wire

INSULATION : PE

Nominal Diameter Over Insulation : 2.95 mm

Nominal Insulation Thickness : 1.02 mm

SHIELD :

1st Shield : Aluminum Mylar Tape with Overlap Bonded

2nd Shield : Braid Shield 90% Coverage

INNER JACKET : PE

Nominal Diameter Over Jacket : 4.95 mm

Nominal Jacket Thickness : 0.72 mm

OUTER JACKET : PVC


Nominal Diameter Over Jacket : 7.15 mm

Nominal Jacket Thickness : 1.10 mm

LISTING AND RATINGS : UL TYPE AWM

ATTENUATION : @ 68 °F (20 °C)

@ Frequency MHz	dB/100 ft. (MAX.)	dB/100 meters (MAX.)
1 MHz	0.4 dB	1.4 dB
10 MHz	1.5 dB	4.9 dB
50 MHz	3.7 dB	12.1 dB
100 MHz	5.4 dB	17.7 dB
200 MHz	8.1 dB	26.6 dB
400 MHz	12.4 dB	40.7 dB
700 MHz	17.7 dB	58.1 dB
900 MHz	21.1 dB	69.2 dB
1000 MHz	22.8 dB	74.8 dB

Designed by - date	Checked by - date	Approved by - date	Date 23/02/2010	Size A4	Scale -
 HOSIWELL TECHNOLOGY CO., LTD.			Part Name Coaxial Cable	Unit -	
			Part No. RG-58C/U-D	Issued 1	
			Ref. No.	Sheet 1 of 1	
			Used On.		