



Product Specification

1.0 Instruction

1.1 Product NO

Model NO: WMRG6-SU-C000VB40

Product: ULPVRG6SCQUAD

1.2 Supplemental Documentation

For Standards relating to the corporation identification, UPC code, environment requirements or more information excluded in the scope of this document, please refer to the table below

Subject	Document	Reference
ISO 9001:2000		
ISO 14000		
UL	E232510	
	E232338	
CSA	236508	

2.0 Product Description

2.1 General Function

This cable is installed inside the wall to delivery the TV signals.

2.2 Features

- ◆ Clear Insulation
- ◆ 100% Oxygen Free Copper
- ◆ Wire Polarity Identified with White Stripe for Connection To positive Terminals
- ◆ Minimize Noise in Sound
- ◆ Universal Compatibility
- ◆ High performance
- ◆ Low Echo losing rate
- ◆ Limited lifetime Warranty
- ◆ UL Approved



3.0 Physical Attributes

3.1 Physical Description

Two Aluminum foil shields, 60%/40% weaving density, Black PVC jacket

3.2 Dimensions

1. Internal conductor			
Material:		Copper (18AWG)	
Diameter		$\Phi 1.02 \pm 0.01 \text{mm}$ (0.040")	
2. PE Insulation			
Material:		Formed PE Insulation	
Diameter:		$\Phi 4.57 \pm 0.13 \text{mm}$ (0.180")	
3. Braid Shield			
Layer 1,2:	Material	Aluminum foil	
	Coverage rate	> 18%	
Layer 3,4:	Material	Alloy (Aluminum and magnesium)	
	Diameter:	$\Phi 0.16 \pm 0.01 \text{mm}$ (34AWG)	
	Coverage rate	>60%,40%	
4. PVC Jacket			
Material:		PVC	
Diameter:		$\Phi 7.54 \pm 0.20 \text{mm}$ (0.297")	
Thickness		$0.76 \pm 0.15 \text{mm}$ (0.030")	

4.0 Electronic Performance

4.1: Electronic Performance

$75 \pm 3 \Omega$

4.2: Delivery Speed

85%

4.3: Echo losing

Frequency Scope	Figure
0~1000 MHz	$\geq 20 \text{ db}$
1000~2250 MHz	$\geq 15 \text{ db}$

4.4: Decay (20°C) (Unit: db)

Frequency	Maximum / 100 feet	Maximum / 100 meter
55MHz	1.60	5.25
211 MHz	2.87	9.43
600 MHz	4.98	11.34
870 MHz	6.09	19.99



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1000 MHz	6.54	21.46
1750 MHz	8.74	28.67
2050 MHz	9.46	31.04
2250 MHz	10.00	32.81