



## Product Specification

### 1.0 Instruction

#### 1.1 Product

Model NO: WMRG6-DU-C214VB00

Product: ULPVRG6SCDUAL(64)

#### 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

Dual, Aluminum foil shields, 60%weaving density respectively

#### 3.2 Dimensions

<b>1. Internal conductor</b>			
	Material:	Soild Copper (18AWG)	
	Diameter	$\Phi 1.02 \pm 0.01\text{mm}$ (0.040")	
<b>2. PE Insulation</b>			
	Material:	Formed PE Insulation	
	Diameter:	$\Phi 4.57 \pm 0.13\text{mm}$ (0.180")	
<b>3. Braid Shield</b>			
Layer 1	Material	Aluminum foil	
	Coverage rate	> 18%	
Layer 2:	Material	Alloy (Aluminum and magnesium)	
	Diameter:	$\Phi 0.16 \pm 0.01\text{mm}$ (34AWG)	
	Coverage rate	>60%, >40%	
<b>4. Messenger</b>			
	Material:	Copper clad steel	
	Diameter:	$\Phi 1.15 \pm 0.02\text{mm}$	
<b>4. PVC Jacket</b>			
	Material:	PVC	
	Diameter:	$\Phi 6.86 \pm 0.15\text{mm}$ (0.272")	
	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	$\geq 20$ db
1000~2250 MHz	$\geq 15$ 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
1000 MHz	6.54	21.46
1750 MHz	8.74	28.67
2050 MHz	9.46	31.04
2250 MHz	10.00	32.81