



Product Specification

1.0 Instruction

1.1 Product NO

Model NO: WMRG59-SU-S212VB00

Product: ULPVRG59BLK(32S)

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	

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
- ◆ Copper cald steel
- ◆ 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

CCS, Aluminum foil, 30% weaving density, Black PVC

3.2 Dimensions

1. Internal conductor			
	Material:	Copper clad steel (20AWG)	
	Diameter	$\Phi 0.813 \pm 0.005\text{mm}$ (0.032")	
2. PE Insulation			
	Material:	PE Insulation	
	Diameter:	$\Phi 3.66 \pm 0.13\text{mm}$ (0.144")	
3. Braid Shield			
	Material	Aluminum foil	
Layer 1:	Coverage rate	> 18%	
Layer 2:	Material	Alloy (Aluminum and magnesium)	
	Diameter:	$\Phi 0.16 \pm 0.01\text{mm}$ (34AWG)	
	Coverage rate	>30%	
4. PVC Jacket			
	Material:	PVC	
	Diameter:	$\Phi 6.10 \pm 0.20\text{mm}$ (0.240")	
	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	2.05	6.73
211 MHz	3.80	12.47
600 MHz	6.20	20.34
870 MHz	7.57	24.85
1000 MHz	8.12	26.64