



## Product Specification

### 1.0 Instruction

#### 1.1 Product NO

Model NO:

Product: WM-0094

Category: 7538B

#### 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	Communication Cable
	E232338	Power limited Circuit Cable
	E314155	Wiring Harness
CSA	236508	

### 2.0 Product Description

#### 2.1 General Function

This cable is installed inside the wall to delivery the TV signals.  
(CCTV/CATV/DBS (Dish Broadcasting system))

#### 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

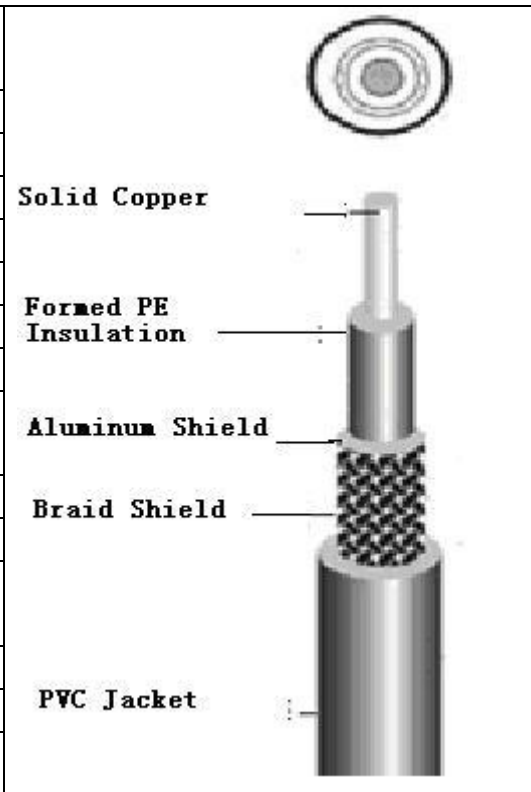


### 3.0 Physical Attributes

#### 3.1 Physical Description

Single Solid Copper Conductor, Solid Copper center conductor, Aluminum foil, 95% tinned Copper weaving density, Flame Retardant PVC Jacket

#### 3.2 Dimensions

<b>1. Internal conductor</b>			
Material:		Solid Copper (23AWG)	
Diameter		Φ 0.574mm	
<b>2. PE Insulation</b>			
Material:		Formed PE Insulation	
Diameter:		Φ 2.54 ± 0.13mm (0.180")	
<b>3. Braid Shield</b>			
Layer 1	Material	Aluminum foil	
	Coverage rate	> 18%	
Layer 2:	Material	Tinned Copper wires	
	Diameter:	Φ 0.127 mm (36 AWG)	
Coverage rate		>95%	
<b>4. PVC Jacket</b>			
Material:		Flame Retardant PVC	
Diameter:		Φ 4.2mm	



#### 4.0 Electronic Performance

##### 4.1: Electronic Performance

75±3 Ω

##### 4.2: Delivery Speed

85%

##### 4.3: Echo losing

Frequency Scope	Figure
0~1000 MHz	≥20 db
1000~2250 MHz	≥15 db

##### 4.4: Decay (20°C) (Unit: db)

Frequency	Maximum / 100 feet
1 MHz	1.60
3.6 MHz	2.87
10 MHz	4.98
71.5 MHz	6.09
135 MHz	6.54
270 MHz	8.74
720 MHz	9.46
1000 MHz	10.00
1500 MHz	
2000 MHz	
2250 MHz	
3000 MHz	10.00

#### 5.0 PKG info

Reels in a box