



Product Specification

1.0 Instruction

1.1 Product NO

Model NO: RG7U

Product:

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		

2.0 Product Description

2.1 General Function

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



3.0 Physical Attributes

3.1 Physical Description

Aluminum foil, 58% weaving density, PVC Jacket

3.2 Dimensions

1. Internal conductor			
Material:		CCS (16AWG)	
Diameter		Φ 1.3 mm (0.0508")	
2. PE Insulation			
Material:		Formed PE Insulation	
Diameter:		Φ 5.72mm (0.225")	
3. Braid Shield			
Layer 1	Material	Single Aluminum foil	
	Coverage rate	> 18%	
Layer 2:	Material	Alloy (Aluminum and magnesium)	
	Diameter:	Φ 0.12 ± 0.01mm (36AWG)	
	Coverage rate	<60%	
4. PVC Jacket			
Material:		PVC	
Diameter:		Φ 8.1 (0.319")	
Thickness		0.76±0.15mm (0.030")	



4.0 Electronic Performance

4.1: Electronic Performance

75±3 Ω

4.2: Delivery Speed

82%

4.3: Echo losing

Frequency Scope	Figure
5~300 MHz	≥22 db
300~960 MHz	≥20 db

4.4: Decay (20°C) (Unit: db)

Frequency(MHz)	Maximum(dB/100ft)	Maximum(dB/100m)
5	0.47	1.54
55	1.25	4.10
83	1.50	4.92
187	2.22	7.28
211	2.36	7.74
250	2.56	8.40
300	2.82	9.25
350	3.05	10.01
400	3.27	10.73
450	3.46	11.35
500	3.67	12.04
550	3.85	12.63
600	4.05	13.28
750	4.57	14.99
865	4.93	16.17
1000	5.32	17.45