

Model Code: RG 11/U



Application :	For high-frequency transmission, CATV, HDTV, TV antenna, and video distribution. For long-length, it is an ideal entry point feeder system that runs through a commercial or residential building into each floor and room. It is also suitable for improving audio and video performance in home theatre applications.
Construction :	Solid copper clad steel conductor, foam PE, double screen (bonded aluminium/polyester tape plus aluminium wire braid), PVC sheathed cable
Insulation colour :	White
Sheath colour :	Black
Specification :	MIL-C-17, IEC 60332-1-2
Operating temperature :	-40°C to +80°C

Part No.	Conductor		Insulation Diam. (mm)	Method of Screen		Approx. Overall Diam. (mm)	Approx. Weight (kg/km)	Maximum Pulling Tension (N)	Minimum Bending Radius (mm)
	Size	No./Diam. of Strand		Inner Screen	Outer Screen				
	(AWG)	(no./mm)							
4901R003	14	1/1.63	7.11	Bonded Al/PET tape	Aluminium Wire Braid (coverage 60%)	10	85	1156	100

### Electrical Data

Maximum Conductor Resistance, D.C. at 20°C	36.1Ω/km
Capacitance at 1kHz	53pF/m
Characteristic Impedance at 5~1000 MHz	75 ± 3Ω
Nominal Inductance	0.32μH/m

### Maximum Attenuation at 20°C

Frequency (MHz)	ATTENUATION (dB/100m)	Frequency (MHz)	ATTENUATION (dB/100m)
5	1.25	400	8.60
55	3.15	450	9.00
211	6.23	500	9.52
250	6.73	550	10.00
270	7.00	600	10.50
300	7.40	750	12.00
330	7.70	870	13.32
350	7.94	1000	14.30

### Return Loss

Frequency (MHz)	Return Loss (dB)
1~1000	20