

Model Code: RG 6/U



Application :	For high-frequency transmission. For low-power video and radio frequency signal connections and for use at baseband video frequencies, such as composite video.
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 ~ +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)							
4701R002	18	1/1.02	4.6	Bonded Al/PET tape	Aluminium Wire Braid (coverage 90%)	6.8	42	68	720

Electrical Data

Maximum Conductor Resistance, D.C. at 20°C	91.5Ω/km
Capacitance at 1kHz	55pF/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	2.20	400	13.12
55	5.25	450	14.00
211	9.42	550	15.50
270	10.63	750	18.34
300	11.25	870	19.70
350	12.21	1000	21.50

Return Loss

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