

# RG677TSV Coaxial Cable

KT-0647



---

## Construction Parameters:

Inner Conductor	0.040"/1.02mm/18AWG Copper-Clad Steel
Dielectric	0.180"/4.57mm Foamed PE(Gas Expanded Polyethylene)
Shield 1	0.187"/4.75mm Aluminum-Polypropylene-Aluminum
Shield 2	Aluminum braid wire 77% coverage
Shield 3	Laminated Aluminum Tape(Non-Bonded)
Jacket	0.278"±0.006"/7.06±0.15mm PVC(Color can be chosed by Customer)
Jacket Thickness	0.030"/0.76mm
Application	For Use in Longer CATV Run Lengths

---

## Electrical Characteristics:

Inner Conductor Resistance	The Max. at 20°C shall be < 87 Ω/km
Capacitance	52 ±3 pF/m
Impedance	75 ± 3 Ω
Return loss	between 5 and 1000MHz: > 22dB
Velocity of Propagation	0.85
Sparker Test (VAC)	4

---

## Attenuation(20°C):

---

Frequency (MHZ)	Max Attenuation(dB/100ft)	Max Attenuation (dB/100m)
5	0.58	1.90
55	1.60	5.25
83	1.95	6.40
187	2.85	9.35
211	3.05	10.00
250	3.30	10.82
300	3.55	11.64
350	3.85	12.63
400	4.15	13.61
450	4.40	14.43
500	4.66	15.29
550	4.90	16.08
600	5.10	16.73
750	5.65	18.54
865	6.10	20.01
1000	6.55	21.49

---

## Mechanical and Envrionmental Properties

Cable bend radius	10 times the cable diameter
Operating Temp Range (PVC)	-20 °C to 60°C
Cable diamensions	7.11±0.15 mm PVC

---

## Order Informations:

Marking	KINGTONE RG677TSV Coaxial Cable CATV COAXIAL CABLE ***M
Inner Package	500FT/Pull Box, 1000FT/Wooden Spool
Outer Package	Carton,Pallet
Delivery time	Normally 25 days after received the deposit.

---

## Online Service:

Skype	kingtone3
ICQ	246632889

---