



**RG677TSVM**

Construction	Material	Diameter(inch/mm)	
Inner Conductor	Copper Clad Steel	0.040	1.02
Dielectric	Foam PE	0.179	4.57
First Shield	Bonded Aluminum Foil	0.187	4.75
Second Shield	77% Aluminum wire Braid	/	/
Third Shield	Aluminum Foil	/	/
Jacket	PVC	0.275	7.00
Messenger	Galvanized steel	0.051	1.30

**Electrical Characteristics**

Capacitance(pF/m)	52±2
Impedance(Ω)	75±3
Velocity of Propagation(%)	85.0
Retrun Loss(dB)	≥20
Shielding Effectiveness(dB)	>70
Spark Test(VAC)	4000
Operating Temp Range(°C)	-40 to 85

**Attenuation ( 20 °C )**

Frequency(Mhz)	Max Attenuation(dB/100ft)	Max Attenuation(dB/100m)
55	1.60	5.25
187	2.85	9.35
300	3.55	11.64
450	4.40	14.43
600	5.10	16.73
750	5.65	18.54
865	6.10	20.01
1000	6.55	21.49
1200	7.98	26.16
1450	8.46	27.73
18000	9.50	31.15
2200	9.73	31.92
3000	11.40	37.50