

Attenuation [@ 68° F. (20° C)]	
Frequency(MHz)	Maximum(dB/100m)
300	14.01
350	15.22
400	16.01
450	17.39
550	19.36
750	22.83
870	24.74
1000	26.54

ORDERING INFORMATION	
PART NUMBER	DESCRIPTION
TL-RG59C	RG-59 co-axial Cable 75 Ohms

RG59 CABLE WITH POWER CABLE



Physical Dimensions			
Component			RG59+Power
Conductor	Material		BC/CCS
	Dia. (mm)		0.81±0.01
Dielectric	Material		Foam PE
	Dia. (mm)		3.70±0.10
Shield	First	Material	CCA Foil
	Second	Material	CCA Braid
		Coverage	
Jacket	Material		PVC
	Dia. (mm)		6.0±0.10
Power Pair	Conductor	Material	CCA
		Construction	16*0.20
	Insulation	Material	PE
		Dia. (mm)	1.70
		Dia. (mm)	1.80

**Electrical Characteristics**

Inner Conductor (Ω /KM)		33.5
Outer Conductor (Ω /KM)		21.2
Capacitance(pF/m)		53 \pm 3
Impedance (Ω)		75 \pm 3
Return Loss (\geq dB)	5-1000 MHz	20
Velocity of Propagation		82%
Power Conductor and Jacket Spark Test (V)		2500

Attenuation [@ 68° F. (20° C)]

Frequency(MHz)	Attenuation (dB/100m) \pm 5%
5	2.53
55	6.80
211	12.45
300	14.50
400	16.50
500	19.45
600	20.37
750	22.95
1000	26.65

ORDERING INFORMATION

PART NUMBER	DESCRIPTION
TL-RG59C-P	RG-59 co-axial Cable 75 Ohms with Power