



Construction

Item	RG59 Siamese
Inner Conductor	C.C.S - 0.58mm
Insulation	Solid PE - 3.66mm
Shield (Braid)	90% CCA
Power Wire	0.75mm ² BC strand, 2 Core
Power Insulation	1.80mm PVC (Red / Black)
Outer Jacket	6.1*4.8mm PVC

Electrical Properties

Capacitance	53+/-2 pF/m
Impedance	75±3Ω
Nominal Velocity of Propagation	66%
Attenuation(dB/100m):	(See fig.1)
Return Loss	(See fig.2)

Figure 1

RG59B/U CCS	
Frequency (MHz)	Nom. Attenuation (dB/100m)
5	3.20
55	8.40
200	16.60
450	24.50
800	34.00
1000	39.10

Figure 2

Frequency (MHz)	Return Loss (dB)
VHF (50~470)	≥25
UHF (470~1000)	≥22