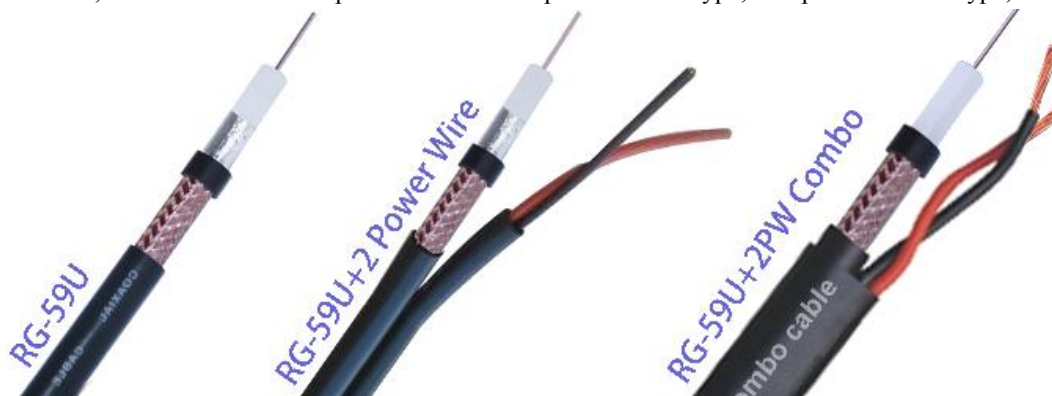


**PRODUCT : RG-59U series for CCTV**

**1: GENERAL DESCRIPTION**

RG-59U in bare copper inner conductor, Foam PE insulation, foil plus braid shield coverage, PVC Sheath, available with 2Core power wires in composite/combo type, or zip in 8 siamese type, for CCTV video monitor.



**2: CONSTRUCTION**

Item	RG-59U	RG-59U + Power Wire Siamese
Inner Conductor	0.81mm Bare Copper	
Insulation	Foam PE 3.71mm	
Foil (Optional)	Aluminum Foil	
Shield (Braid)	Bare Copper 90% coverage	
Power wire	--	0.75mm <sup>2</sup> Bare Copper strand, 2 Cores
Power Insulation	--	2.0mm PVC (Red /Black)
Outer Jacket	6.0mm PVC	6.00*5.0mm PVC

**3: ELECTRICAL PROPERTIES (@20°C)**

- 2-1 CAPACITANCE : 53+/-2 pF/m
- 2-2 IMPEDENCE : 75±3Ω
- 2-3 Nominal Velocity of Propagation 82%
- 2-4 ATTENUATION (dB/100m): (fig.1)
- 2-5 RETURN LOSS : (fig.2)

**ATTENUATION @20°C fig.1)**

Frequency (MHz)	RG59/U BC	RG59/U CCS
	Nom. Atteuation (dB/100m)	Nom. Atteuation (dB/100m)
5	2.40	2.50
50	5.50	5.60
100	7.70	7.70
200	9.90	9.90
470	15.40	15.40
550	16.30	16.30
860	23.10	23.10
1000	26.40	26.40

**RETURN LOSS (fig.2)**

Frequency (MHz)	Return Loss (dB)
VHF (50~470)	≥22
UHF (470~1000)	≥18

**4: CERTIFICATES**



**5: PACKAGES**

