

# Flexible Coaxial Cable



PAN-ASIA

## RG-59/U Flexible Coaxial Cable

**(95% Shield Coverage, Multi-conductor Construction)**

High density shielding cable specially designed and manufactured under the USA and Japanese Standard

### Applications and Usage

- Best suited for CCTV installation
- CATV/MATV
- Satellite TVRO/Internet
- Telecomm Interconnect



RG-59/U Flexible Cable Construction

These series of coaxial cable are specially designed and manufactured to be use in the noisy area (high interference) and longer run system design. They are the most suited to CCTV system where the signal interruption degrading the system is not acceptable. The high density shielding (>95% coverage) of the cable clears up EMI/RF interference, especially, in 0 – 50 MHz frequency region which mostly affected by, for example, the transient signal generated by the motor starts up, electrical appliance emission and other sources leading the interference to the system. Moreover, they are also suitable to use in the CATV, MATV, Satellite TVRO/Internet and Telecomm interconnect system. The signal attenuation meets the standard ensuring that it will fall under the designed margin of the power budget.

### Product Highlights

- High density shielding (95% coverage) to protect the intervention of interference signal entering the cable/system.
- Standard signal attenuation
- High flexibility center conductor : best suited to install in the environment where the cable is always moving. For example, CCTV installation in the elevator
- Don't waste the time for cable reinstallation (save both time and unexpected expenses)

### Physical Construction

Conductor	: Ø0.16 MM x 25 Bare Copper [0.50 Square mm]
Insulation	: Ø3.65 MM FPE
2 <sup>nd</sup> Shielding	: Ø0.12 x 7 x 16 Bare Copper Wire Braid
% of 2 <sup>nd</sup> Shield Coverage	: 95%
Jacket	: Ø6.20 MM High Quality PVC (70 C)

### Electrical Specifications

Impedance	: 75 ± 5 Ω
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### Nominal Attenuation (dB/100M)

<u>Frequency (MHz)</u>	<u>Attenuation</u>
50	6.10
100	8.42
200	11.72
400	16.77
700	22.53
900	25.61
1000	26.98

Other special requirements, please note

### Packing Information

Length	: 300M, 500M/Spool
	: 100M, 200M/Coil

Sold and Distributed By

**SUVANITJIT LIMITED PARTNERSHIP**

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Note: The specifications are subjected to change without prior notice.

CCTV Cable RG-59 Lift Spec Sheet.doc