

HIGH DENSITY SHIELDING CABLE
RG-6/U Coaxial Cable (RG-6/144)
(95% Shield Coverage, Standard Construction)

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

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.

Applications and Usage

- Best suited for CCTV installation
- Telecomm Interconnect
- Satellite TVRO/Internet
- CATV/MATV RG-6/U Construction
- HDTV, TV Cable, RF Signal Transmission

Electrical Specifications

Impedance : 75 \pm 3 Ω
 Capacitance : 54 \pm 3 pF/M

Product Highlights

- High density shielding (95% coverage) to protect the intervention of interference signal entering the cable/system.
- Standard signal attenuation
- Don't waste the time for cable reinstallation (save both time and unexpected expenses)
- Outdoor/Indoor cable

Standard

- MIL-C-17F
- MIL-C-17G
- ANSI/TIA-568-C.4



PHYSICAL CONSTRUCTION

Conductor	Ø1.02 MM Copper Clad steel (per ASTM B869 Standard)
Insulation	Ø4.70 MM Gas-Injected Foam PE (provides constant dielectric property)
1st Shielding	100% Overlapped AL/P-Foil
2nd Shielding	Ø0.12 x 6 x 144 Aluminum Wire Braid (Unaffected by UV ray)
% of 2nd Shield Coverage	95%
Jacket	Ø7.00 MM High Quality PVC (Thickness 0.8mm)

NOMINAL ATTENUATION (DB/100M)

Frequency (MHz)	Attenuation	Frequency (MHz)	Attenuation
5	1.9	450	14.43
30	3.87	550	16.08
55	5.25	750	18.54
187	9.35	800	19.25
250	10.82	870	19.99
350	12.63	1000	21.49

Packing Information
 Length : 500M/Spool

ORDERING PART NUMBER.

Part No.	Descriptions
RG0695	RG-6/U Coaxial Cable 95% Shield