

High Density Shielding Cable



RG-11/U Coaxial Cable (RG-11/168) (High Shield Coverage, Standard 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-11/U Cable Construction

These series of coaxial cable are specially designed and manufactured to be used in the noisy area (high interference) and longer run system design. They are most suited to CCTV systems where signal interruption degrading the system is not acceptable. The high density shielding of the cable clears up EMI/RF interference, especially, in 0 – 50 MHz frequency region which is mostly affected by, for example, the transient signal generated by the motor starts up, electrical appliance emission and other sources leading to 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 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)

Physical Construction

Product Code	: PA1195BV
Conductor	: Ø1.63 MM Copper Clad Steel (per ASTM B869 Standard)
Insulation	: Ø7.11 MM Gas-Injected Foam PE (provides constant dielectric property)
1 st Shielding	: 100% Overlapped AL/P-Foil (Bonded)
2 nd Shielding	: <i>Ø.16 x 7 x 24 (168) Aluminum Wire Braid</i> (95% Shield Coverage)
Jacket	: Ø10.03 MM High Quality PVC

Electrical Specifications

Impedance	: $75 \pm 3 \Omega$
Capacitance	: $51 \pm 3 \text{ pF/M}$

Nominal Attenuation (dB/100M)

<u>Frequency (MHz)</u>	<u>Attenuation</u>	<u>Frequency (MHz)</u>	<u>Attenuation</u>
5	1.3	550	10.2
55	3.3	750	12.3
250	7.0	865	13.3
350	8.2	1000	14.7

Packing Information

Length : 500M/Spool

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

CCTV Cable RG-11 Spec Sheet.doc