

# Communication Cable



PAN-ASIA

## RG-8A/U Coaxial Cable

(Bare Copper Wire High Density Shield, 95% – High Screening Protection)

High desensity shielding cable specially designed and manufactured under the USA Standard, ISO9001:2000

### Applications and Usages:

For use in the interconnection of

- Two-way Radio Communication
- Data Processing Equipment
- Information System and etc.



### Physical Construction:

Conductor :  $\varnothing$  0.70 mm x 7 Strand Bare Copper Wire

Insulation :  $\varnothing$  7.24 mm Polyethelene

Shielding : AL/P-Foil+ $\varnothing$  0.16 mm x 7 x 24 Bare Copper Wire Briad  
[95% Shield Coverage]

Jacket :  $\varnothing$  10.30 mm P.V.C

### Electrical Characteristics:

Impedance :  $50 \pm 2 \Omega$

Velocity of Propagation : 66%

### Signal Attenuation [ @ 20C ], dB/100Ft

100 MHz	-	2.0 dB
400 MHz	-	4.6 dB
1 GHz	-	8.0 dB
3 GHz	-	16.5 dB
5 GHz	-	27.0 dB

### Max Power Rating

<u>Frequency (MHz)</u>	<u>Watts</u>	<u>Frequency (MHz)</u>	<u>Watts</u>
1	111646	400	551
10	3651	700	413
50	1610	900	363
100	1128	1000	344
200	789	4000	177

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

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