




**RG 213 Cable:-**

| RG 213 Cable.   | DESCRIPTION   |                  |
|---|---|------------------|
|  | <b>Name:RG213/U</b><br><b>Conductor:7/0.745 mm ccs</b><br><b>Insulation:7.25 mm Solid polyethylene</b><br><b>Shield: 0.12mm Al-Mg foil, 64 braiding,OD10.3±0.2MM</b><br><b>Jacket:10.3 mm black PVC</b> |                  |
| <b>Mechanical and Electrical Characteristics</b>                                  |   |                  |
| Impedance   | 50±2.0 Ohms   |                  |
| Capacitance   | 98(pF/m)  |                  |
| Velocity of Propagation   | 83%   |                  |
| Return Loss(dB)   | VHF5-300MHz >=  | 30dB             |
|   | UHF300-960MHz >=  | 28dB             |
| Screening Attenuation(dB)   | VHF5-50MHz >=   | 85dB             |
|   | UHF200MHz Upward >=   | 90dB             |
| <b>Attenuation[@68°F. (20°C)]</b>   |   |                  |
| Frequency(MHz)  | Maximum(dB/100ft)   | Maximum(dB/100m) |
| 5   | 0.19  | 4.8              |
| 230   | 0.4   | 10.2             |
| 470   | 0.6   | 15.3             |
| 860   | 0.88  | 22.3             |
| 1000  | 0.96  | 24.5             |



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