

Hangzhou Sanyuan Cable Co.,Ltd

RG213

Construction

| | Material | Diameter(mm) |
|-----------------|------------------------|--------------|
| Inner conductor | Stranded Bare Copper | 7*0.75 |
| Dielectric | Solid PE | 7.25 |
| Shield | Bare Copper Braid(95%) | 8.15 |
| Jacket | PVC | 10.3 |

Electrical Characteristics

| | |
|--|-----------------|
| Impedance(Ω) | 50 |
| Capacitance(pF/m) | 101 |
| Velocity of Propagation(%) | 66 |
| Max Operating Frequency(Mhz) | 11000 |
| Max Operating Voltage(RMS) | 3700 |
| Inner Conductor DCR (Ohm/km) | 5.6 |
| Outer Conductor DCR(Ohm/km) | 3.9 |
| Operating Temp Range($^{\circ}\text{C}$) | Subzero40 to 85 |

Attenuation (@20 $^{\circ}\text{C}$)

| Frequency(MHz) | Max Attenuation(dB/100m) |
|----------------|--------------------------|
| 10 | 1.8 |
| 50 | 4.3 |
| 100 | 6.2 |
| 200 | 9.5 |
| 400 | 13.8 |
| 600 | 18.2 |
| 860 | 22.3 |
| 1000 | 24.5 |
| 1500 | 31.5 |

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|-------|-------|
| 2000 | 36.4 |
| 3000 | 46.6 |
| 5000 | 64.2 |
| 11000 | 112.2 |
