

Hangzhou Sanyuan Cable Co.,Ltd

RG59-53%BV

Construction

| | Material | Diameter(mm) |
|-----------------|---------------------------|--------------|
| Inner conductor | CCS-Copper Clad Steel | 0.81 |
| Dielectric | Foam PE | 3.66 |
| First Shield | Bonded Aluminum Foil | 3.84 |
| Second Shield | Aluminum Wire Braid (53%) | 16x4x0.12 |
| Jacket | PVC | 6.1 |

Electrical Characteristics

| | |
|----------------------------|------------|
| Impedance(Ω) | 75 \pm 3 |
| Capacitance(pF/m) | 52 \pm 2 |
| Velocity of Propagation(%) | 85 |
| Return Loss | |
| 5-1000 MHz(dB) | \geq 22 |
| 1000-2000 MHz(dB) | \geq 20 |
| Screening Effectiveness | |
| 5-1000 MHz(dB) | \geq 70 |

Attenuation (@20°C)

| Frequency(MHz) | Max Attenuation(dB/100m) |
|----------------|--------------------------|
| 5 | 2.8 |
| 55 | 6.7 |
| 187 | 11.8 |
| 211 | 12.5 |
| 400 | 16.7 |
| 500 | 18.7 |
| 750 | 22.8 |
| 860 | 24.6 |
| 1000 | 26.3 |
| 1500 | 32.5 |
| 1800 | 35.6 |
| 2200 | 41.2 |
| 3000 | 45.2 |