

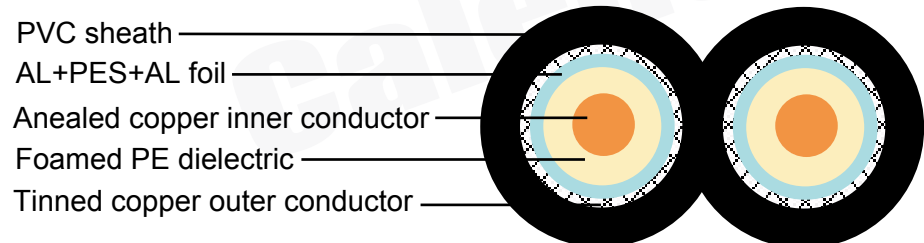
Twin RG 59

Construction

| | | |
|----------------------------|----------------|---------------|
| Inner conductor | Anealed copper | 0.81 mm |
| Dielectric | Foam PE | Φ3.6 mm |
| Outer conductor (shield 1) | Al-PES-Al foil | |
| Shield coverage | | 100% |
| Outer conductor (shield 2) | Tinned copper | |
| Shield coverage | | 60% |
| Sheath | PVC | Φ5.9 - 12.7mm |

Electrical & Mechanical Characteristics

| | |
|-----------------------------|----------------|
| Impedance | 75±5 Ohm |
| Nominal capacitance | 57 pF/m |
| Velocity of propagation | 78% |
| Insulation resistance | >5000 Mohm.Km |
| Inner conductor resistance | 11.5 Ohm/Km |
| Outer conductor resistance | 5.5 Ohm/Km |
| Operating temperature range | -40°C - +70 °C |
| Cable weight (approx.) | 75 Kg/Km |



Attenuation

| Frequency(MHz) | Attenuation (dB/100 m) | Attenuation (dB/100 ft) |
|----------------|------------------------|-------------------------|
| 200 | 12.4 | 3.78 |
| 500 | 18.8 | 5.73 |
| 860 | 25.3 | 7.71 |
| 1000 | 27.6 | 8.41 |
| 1500 | 34.1 | 10.40 |
| 2000 | 40.4 | 12.32 |
| 2400 | 44.8 | 13.66 |
| 3000 | 50.1 | 15.27 |