

2RG6+2CAT5E



PHYSICAL DIMENSIONS

| COMPONENT | 2*RG6 | | 2*CAT5E |
|--------------|-------------------------|----------------------------|----------------|
| CONDUCTOR | Material Dia. (mm) | CCS/BC 1.02±0.01 | BC 0.50±0.01 |
| DIELECTRIC | Material Dia. (mm) | Foam PE 4.57±0.10 | HDPE 0.90±0.03 |
| SHIELDING | Material Coverage | (Al Foil + Al Braid)*2 95% | No |
| INNER JACKET | Material Dia. (mm) | PVC 7.54±0.10 | PVC 5.0±0.10 |
| OUTER JACKET | Material Thickness (mm) | PVC 0.80±0.10 | |

ELECTRICAL CHARACTERISTICS

| | | |
|-------------------------|------|--------|
| IMPEDANCE (Ω) | 75±3 | 100±15 |
| VELOCITY OF PROPAGATION | 83% | 69% |
| CAPACITANCE(PF/M) | 53.1 | 5.6 |

NOMINAL ATTENUATION [@ 68° F. (20° C)]

RG6

CAT5E

| FREQUENCY | ATTENUATION | FREQUENCY | ATTENUATION |
|-----------|-------------|-----------|-------------|
| (MHZ) | (DB/100M) | (MHZ) | (DB/100M) |
| 5 | 2.20 | 1.0 | 2.0 |
| 55 | 5.25 | 4.0 | 4.1 |
| 211 | 9.42 | 10.0 | 6.5 |
| 300 | 11.25 | 20.0 | 9.3 |
| 400 | 13.12 | 25.0 | 10.4 |
| 550 | 15.45 | 31.25 | 11.7 |
| 750 | 18.34 | 62.5 | 17.0 |
| 1000 | 21.46 | 100 | 20.1 |