

## CABLETECH RG59B/U-e Coaxial Cable



### Construction

|                           |   |                       |
|---------------------------|---|-----------------------|
| A) Inner Conductor        | : | Plain Annealed Copper |
| B) Dielectric             | : | Polyethylene          |
| C) Outer Conductor(Braid) | : | Plain Annealed Copper |
| D) Outer Sheath           | : | PVC                   |

### Dimensions

|                  |   |      |         |
|------------------|---|------|---------|
| Inner Conductor  | : | 0.58 | mm dia. |
| Over Dielectric  | : | 3.71 | mm dia. |
| Outer Conductor  | : | 4.39 | mm dia. |
| Overall Diameter | : | 6.15 | mm dia. |
| Weight           | : | 55   | kg/km   |

### Electrical Data

|                                 |   |              |          |
|---------------------------------|---|--------------|----------|
| Attenuation dB/100 meters (Max) |   | 1.1          | 1 MHz    |
|                                 |   | 3.8          | 10 MHz   |
|                                 |   | 7.6          | 50 MHz   |
|                                 |   | 10.7         | 100 MHz  |
|                                 |   | 16.0         | 200 MHz  |
|                                 |   | 23.6         | 400 MHz  |
|                                 |   | 38.6         | 1000 MHz |
| Impedance/tolerance             | : | 75 ± 3 ohm   |          |
| Capacitance                     | : | 67 pF/m      |          |
| Velocity Ratio                  | : | 66 %         |          |
| Braid Coverage                  | : | 90 %         |          |
| Minimum Bending Radius          | : | 60 mm        |          |
| Return Loss Ratio               | : | ≥ 20 dB      | 10 MHz   |
| Insulation Resistance           | : | ≥ 30 Mohm/km |          |