

## LMR300

## Basic Construction

|                 | Material             | Diameter (mm) |
|-----------------|----------------------|---------------|
| Inner Conductor | BC                   | 1.78          |
| Dielectric      | Foam PE              | 4.83          |
| Shield          | Al Foil +TC Braiding | 45%-90%       |
| Jacket          | PVC/PE               | 7.62          |

## Electrical Characteristics

|                              |      |
|------------------------------|------|
| Impedance ( $\Omega$ )       | 50   |
| Nominal Capacitance (pF/m)   | 84.5 |
| Velocity of Propagation( % ) | 85   |
| Sparker Test                 | 4000 |
| SRL(dB)                      | 20   |

## Attenuation (@20°C)

| Frequency (MHZ) | Max Attenuation (dB/100ft) | Max Attenuation (dB/100m) |
|-----------------|----------------------------|---------------------------|
| 50              | 1.40                       | 4.59                      |
| 150             | 2.40                       | 7.87                      |
| 300             | 3.42                       | 11.23                     |
| 450             | 4.20                       | 13.78                     |
| 500             | 4.45                       | 14.62                     |
| 960             | 6.31                       | 20.70                     |
| 1500            | 7.90                       | 25.92                     |
| 2000            | 9.20                       | 30.18                     |
| 2500            | 10.40                      | 34.12                     |
| 5800            | 16.60                      | 54.30                     |