

19VATCAPH-45%**Construction**

| | Material | Diameter (mm) |
|-----------------|---------------------------|----------------------|
| Inner Conductor | CCS-Copper Clad Steel | 1.02 |
| Dielectric | Foam PE | 4.60 |
| First Shield | Aluminum Foil | 4.75 |
| Second Shield | Aluminum wire Braid (45%) | 16/4/0.12mm |
| Jacket | PVC | 6.80 |

Electrical Characteristics

| | |
|-----------------------------|------------|
| Impedance (Ω) | 75 \pm 3 |
| Capacitance (pF/m) | 52 \pm 2 |
| Velocity of Propagation (%) | 85.0 |
| 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 | 1.8 |
| 50 | 4.6 |
| 100 | 7.1 |
| 200 | 9.0 |
| 400 | 13.0 |
| 800 | 19.0 |
| 862 | 19.8 |
| 950 | 20.9 |
| 1350 | 25.5 |
| 1750 | 29.6 |
| 2150 | 33.4 |
| 3000 | 40.6 |