

**19VATCPH-35%****Construction**

	Material	Diameter (mm)
Inner Conductor	Bare Copper	1.02
Dielectric	Foam PE	4.60
First Shield	Aluminum Foil	4.75
Second Shield	Aluminum wire Braid (35%)	16/3/0.12mm
Jacket	PVC	6.80

**Electrical Characteristics**

Impedance ( $\Omega$ )	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