

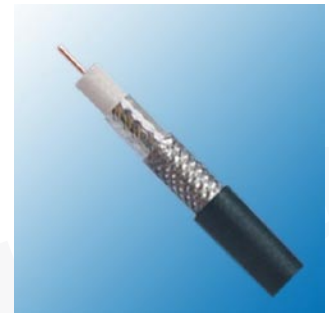
## 19 VATC

### Construction

Inner conductor	Bare copper/Copper clad steel(CCS)	Φ1.02 mm
Dielectric	Foam PE	Φ4.60 mm
Outer conductor (shield 1)	Aluminum Foil	Φ4.75 mm
Shield coverage 1		100%
Outer conductor (shield 2)	Aluminum wire braid (Type 1)	64x0.12 mm
Shield coverage 2		45%
Outer conductor (shield 2)	Aluminum wire braid (Type 2)	48x0.12 mm
Shield coverage 2		35%
Sheath	PVC/FR-PVC	Φ6.80 mm

### Electrical & Mechanical Characteristics

Impedance	75±5 Ohm
Nominal capacitance	50 pF/m
Velocity of propagation	85%
Insulation resistance	>5000 Mohm.Km
Inner conductor resistance	21.4 Ohm/Km
Outer conductor resistance	- Ohm/Km
Rated temperature	70°C
Cable weight (approx.)	- kg/km
Screening effectiveness	≥70 dB (5-1000MHz)



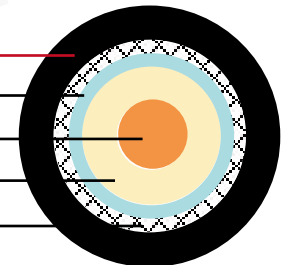
PVC or FR-PVC sheath

Aluminum foil shield 1

Bare copper inner conductor

Foam PE dielectric

Aluminum braid shield 2



### Attenuation

Frequency(MHz)	Attenuation (dB/100 m)	Attenuation (dB/100 ft)
50	4.6	1.40
100	7.1	2.16
200	9.0	2.74
400	13.0	3.96
800	19.0	5.79
950	20.9	6.37
1350	25.5	7.77
1750	29.6	9.02
2150	33.4	10.18
3000	40.6	12.38

### Return Loss

5-1000 MHz	≥22dB
1000-2000 MHz	≥20dB