

Cable Construction

- Center Conductor**

Material : 14AWG CCS(Copper-Clad Steel) or Cu

Diameter : 1.63±0.03 mm

- Dielectric**

Gas Expanded PE

Diameter : 7.11±0.05 mm

- Outer Conductor**

1st (Aluminum Bonded Tape) : 0.051mm

2nd (Aluminum Braid) : 34AWG Aluminum Wire (0.16 × 6 × 24)
60% coverage

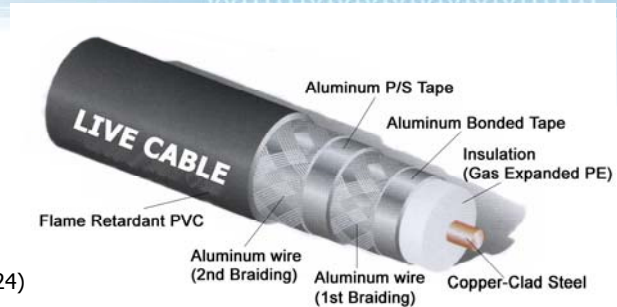
3rd (Aluminum P/S Tape) : 0.030mm

4th (Aluminum Braid) : 0.14 x 4 x 24 (40% coverage, 50pitch)

- Jacket**

Diameter : 10.30±0.2mm

Jacket Thickness : 0.95±0.05 mm



[Construction Drawing]

Physical Dimensions

Impedance	75Ω	Inner Voltage	1,000 V/2min
VSWR	1.2	Insulation Resistance (Mohm-Km)	1,000 MΩ
Inner Conductor Resistance	CCS : 38↓ CU : 10.04↓	Mutual Capacitance(pf/m)	52±3

Attenuation (20°C)

FREQUENCY (MHz)	dB/100FT.	dB/100M
5	0.37	1.21
55	0.93	3.06
200	1.72	5.63
250	1.94	6.35
300	2.17	7.13
350	2.36	7.75
400	2.47	8.11
450	2.65	8.68
500	2.81	9.23
550	2.96	9.70
600	3.08	10.11
750	3.54	11.61
1000	4.22	13.84

Attenuation increases with increasing temperature and decreases with decreasing temperature at the rate of 0.1%/°F (0.18%/°C)