

Cable Construction

- **Center Conductor**
Material : 18AWG CCS(Copper-Clad Steel) or Cu
Diameter : 1.02±0.03mm
- **Dielectric**
Gas Expanded PE
Diameter : 4.57±0.1mm
- **Outer Conductor**
1st (Aluminum Bonded Tape) : 0.051mm
2nd (Aluminum Braide) : 35AWG Aluminum Wire (0.14 × 4 × 16)
3rd (Aluminum P/S Tape) : 0.030mm
- **Jacket**
Diameter : 7.1±0.2mm
Jacket Thickness : 0.85±0.05mm
- **Steel Messenger**
1.3mm, 1.83mm



[Construction Drawing]

Physical Dimensions

Impedance	75±3 Ω	Inner Voltage	1,000 V/2min
VSWR	1.2	Insulation Resistance (Mohm-Km)	1,000 MΩ
Inner Conductor Resistance	CCS : 100↓ CU : 21.1↓	Mutual Capacitance(pf/m)	52±3

Attenuation (20°C)

FREQUENCY (MHz)	dB/100FT.	dB/100M
5	0.56	1.84
55	1.55	5.09
200	2.65	8.71
250	3.23	10.62
300	3.50	11.51
350	3.78	12.41
400	4.09	13.42
450	4.33	14.21
500	4.53	14.88
550	4.84	15.88
600	5.02	16.47
750	5.55	18.21
1000	6.38	20.94

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