

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 Braid) : 35AWG Aluminum Wire (0.12 × 7 × 24)
- **Jacket**
Diameter : 6.91±0.2mm
Jacket Thickness : 0.85±0.05mm



[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)

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- **Outer Conductor**

1st (Aluminum Bonded Tape) : 0.051mm

2nd (Aluminum Braid) : 36AWG Aluminum Wire (0.12 × 8 × 16)
(Pitch : 45)



- **Jacket**

Diameter : 6.91±0.2mm

Jacket Thickness : 0.85±0.05mm

[Construction Drawing]

Physical Dimensions

Impedance	75±3 Ω	Inner Voltage	1,000 V/2min
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- **Outer Conductor**
1st (Aluminum Bonded Tape) : 0.051mm
2nd (Aluminum Braid) : 36AWG Aluminum Wire (0.12 × 6 × 16)
- **Jacket**
Diameter : 6.91±0.2mm
Jacket Thickness : 0.85±0.05mm



[Construction Drawing]

Physical Dimensions

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2nd (Aluminum Braid) : 36AWG Aluminum Wire (0.12 × 4 × 16)

- Jacket**

Diameter : 6.91±0.2mm

Jacket Thickness : 0.85±0.05mm



[Construction Drawing]

Physical Dimensions

Impedance	75±3 Ω	Inner Voltage	1,000 V/2min
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