



PRODUCT: COAXIAL CABLE

MODEL: GO4K120

1 : STRUCTURE DETAIL

- 1-1 INNER CONDUCTOR : ϕ 1.02mm Copper Wire
- 1-2 INSULATION : ϕ 4.57 mm FOAM PE
- 1-3 OUTER CONDUCTOR I : 18/0.025 Alu Foil
- 1-4 OUTER CONDUCTOR II : 64/0.12mm
- 1-5 OUTER CONDUCTOR III : 20/0.05 Alu Foil
- 1-6 OUTER CONDUCTOR IV : 72/0.12mm
- 1-7 SEPARATOR : Bopp Film
- 1-8 OUTER JACKET : ϕ 7.5 mm PVC White

2 : MECHANICAL PROPERTIES

- 2-1 MIN. BEND RADIUS : 75 mm

3 : ELECTRICAL PROPERTIES

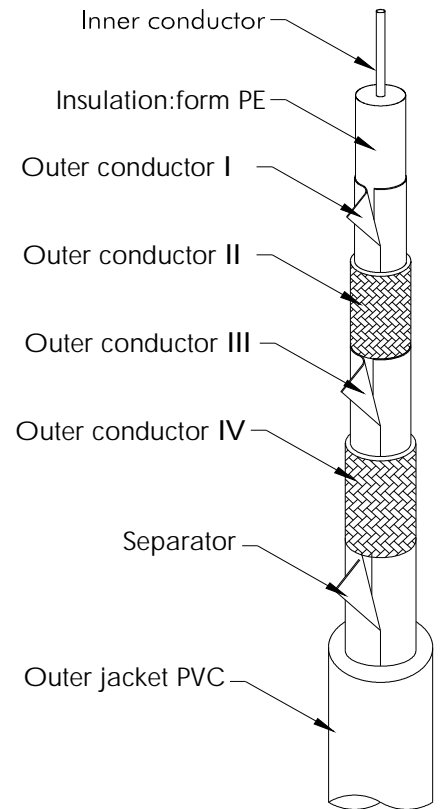
- 3-1 CAPACITANCE : 46~54 pF/m (20°C)
- 3-2 SCREENING FACTOR : (fig. 1) (20°C) min.
- 3-3 IMPEDANCE : $75 \pm 3\Omega$ (200MHz)
- 3-4 RETURN LOSS : (fig.2) (20°C) min.
- 3-5 INNER CONDUCTOR DC RESISTANCE : 22.3 Ω /km (20°C)
- 3-6 OUTER CONDCTOR DC RESISTANCE : 17.9 Ω /km (20°C)
- 3-7 ATTENUATION (dB/100m) : (fig. 3) (20°C) max.

SCREENING FACTOR (fig.1)

Frequency Range(MHz)	Specification (dB)
50~300	110
300~470	110
470~1000	110
1000~2400	100

RETURN LOSS (fig.2)

Frequency Range(MHz)	Specification (dB)
VHF 50~470	30
UHF 470~1000	30
UHF 1000~2400	30



ATTENUATION (flg.3)

Frequency (MHz)	Specification (dB100m)
50	5,5
100	7,2
200	9,6
300	11,7
470	14,6
860	20,3
1000	22,0
1350	25,8
1750	29,6
2050	32,3
2250	33,9
2400	35,1

4 : SUITABLE CONNECTORS

- 4-1 EX 6/49 : Compression Connector
- 4-2 FST 75 : Screw Connector