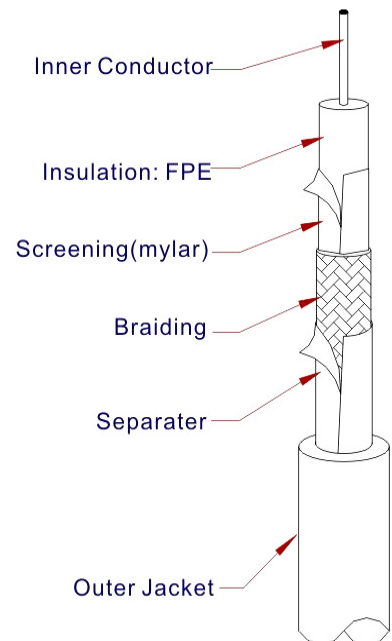


PRODUCT : COAXIAL CABLE
MODEL : ESD 90.128 -Al.Alloy

1 : STRUCTURE DETAIL

- 1-1 INNER CONDUCTOR : ϕ 1.0mm Cu
- 1-2 INSULATION : ϕ 4.6 mm FPE White
- 1-3 SCREENING : 17/0.05 Duple-faced Al Foil
- 1-4 BRAIDING : 128/0.12mm Al.Alloy (Pitch:28mm)
- 1-5 SEPARATER : BOPP Foil
- 1-6 OUTER JACKET : ϕ 6.6 mm PVC White



2 : MECHANICAL PROPERTIES

- 2-1 MIN. BEND RADIUS : 70 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 : 24.3 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	100
300~470	100
470~1000	90
1000~2400	85

RETURN LOSS (fig.2)

Frequency Range(MHz)	Specification (dB)
VHF 50~470	23
UHF 470~1000	20
UHF 1000~2400	20

ATTENUATION (fig.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