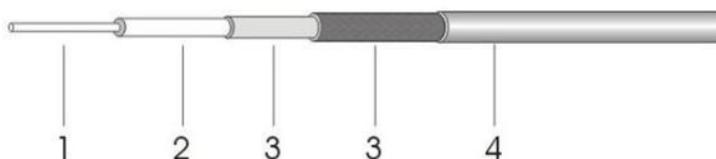


## 3D-FB Coaxial Cable



3D-FB cable, its high-performance of attenuation allows coaxial cable to be used in different RF system, such as 3G, 4G mobile communication.

Wide range of applications, such as indoor distribution, broadcast, different base stations, wireless cellular, and others. Lower VSWR and perfect shielding effectiveness lead to fewer energy loss and outer interference.



### Mechanical Construction

Property	Material	Diameter(mm)
1. Inner conductor	Bare copper (BC); Copper-clad aluminum (CCA)	φ 1.02
2. Dielectric	Foam PE (FPE)	φ 2.95
3. Outer conductor	Al Foil /Tinned Copper braid (AF/TC); Al Foil /Al Magnesium braid (AF/AM)	φ 3.50
4. Jacket	PVC Black; PE Black	φ 5.00

### Properties

Property	Value
Characteristics Impedance	50±2 Ω
Rated capacitance	82 pf/m
Velocity	81.00%
Shielding attenuation	80dB
Minimum bending radius	27mm
Operating temperature	-25 ~ +70°C for PVC jacket ; -40 ~ +80°C for PE jacket
RoHS	Compliant

## Attenuation

Frequency(MHz)	Attenuation(20°C, dB/100m)
100	10.40
150	13.00
280	17.50
350	19.50
400	21.00
800	30.00
900	31.00
1200	37.00
1500	41.50
1800	45.60
1900	46.90
2000	48.20
2200	50.60
2500	54.10
3000	67.20