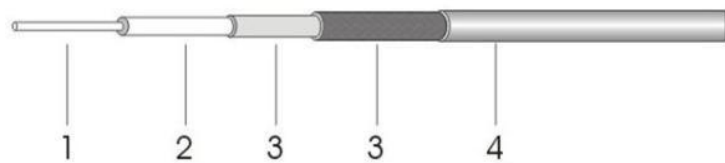


7D-FB Coaxial Cable



7D-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 2.60
2. Dielectric	Foam PE (FPE)	φ 7.30
3. Outer conductor	Al Foil /Tinned Copper braid (AF/TC); Al Foil /Al Magnesium braid (AF/AM)	φ 8.20
4. Jacket	PVC Black; PE Black	φ 9.80

Properties

Property	Value
Characteristics Impedance	50±2 Ω
Rated capacitance	82 pf/m
Velocity	81.00%
Shielding attenuation	80dB
Minimum bending radius	49mm
Operating temperature	-25 ~ +70℃ for PVC jacket ; -40 ~ +80℃ for PE jacket
RoHS	Compliant

Attenuation

Frequency(MHz)	Attenuation(20°C, dB/100m)
100	4.30
150	5.30
280	7.30
350	8.30
400	9.00
800	13.10
900	14.20
1200	16.70
1500	19.00
1800	21.10
1900	21.80
2000	22.50
2200	23.80
2500	25.70
3000	29.20