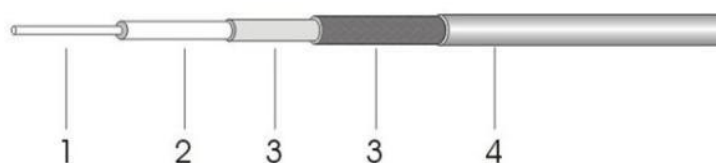


10D-FB Coaxial Cable



10D-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 3.50
2. Dielectric	Foam PE (FPE)	φ 10.0
3. Outer conductor	Al Foil /Tinned Copper braid (AF/TC); Al Foil /Al Magnesium braid (AF/AM)	φ 11.0
4. Jacket	PVC Black; PE Black	φ 13.0

Properties

Property	Value
Characteristics Impedance	50±2 Ω
Rated capacitance	81 pf/m
Velocity	82.00%
Shielding attenuation	85dB
Minimum bending radius	65mm
Operating temperature	-25 ~ +70℃ for PVC jacket ; -40 ~ +80℃ for PE jacket
RoHS	Compliant

Attenuation

Frequency(MHz)	Attenuation(20°C, dB/100m)
150	4.10
280	5.60
350	6.30
400	6.80
800	10.20
900	11.00
1200	13.40
1500	15.00
1900	17.70
2000	18.00
2200	18.80
2500	20.50
3000	23.10