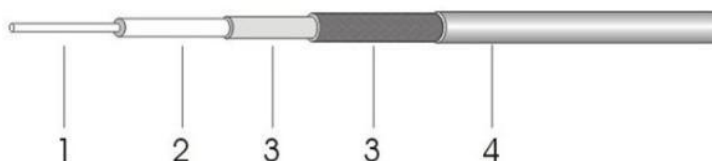


5D-FB Coaxial Cable



5D-FB, 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	Copper-clad aluminum (CCA); Bare copper (BC)	φ 1.80
2. Dielectric	Foam PE (FPE)	φ 5.00
3. Outer conductor	Al Foil /Al Magnesium braid (AF/AM) Al Foil /Tinned Copper braid (AF/TC)	φ 5.70
4. Jacket	PVC Black	φ 7.50

Properties

Property	Value
Characteristics Impedance	50±2 Ω
Rated capacitance	82 pf/m
Velocity	81.00%
Shielding attenuation	80dB
Minimum bending radius	38mm
Operating temperature	-25 ~ +70°C
RoHS	Compliant

Attenuation

Frequency(MHz)	Attenuation(20°C, dB/100m)
100	6.30
150	7.80
280	10.80
350	12.10
400	13.00
800	18.90
900	20.20
1200	23.70
1500	26.80
1800	29.70
1900	30.60
2000	31.50
2200	33.30
2500	35.80
3000	40.30

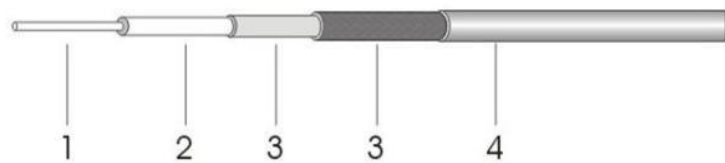
7D-FB Coaxial Cable



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.

Item No.: RFCC-7D-FB



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%
Dc resistance (Inner conductor)	3.3/5.4 Ω/km
Dc resistance (Inner conductor)	9.3 Ω/km
Shielding attenuation	80dB
Minimum bending radius	49mm
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	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

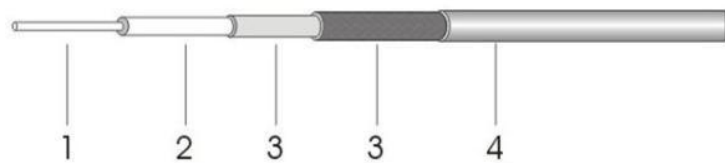
8D-FB Coaxial Cable



8D-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.

Item No.: RFCC-8D-FB



Mechanical Construction

Property	Material	Diameter(mm)
1. Inner conductor	Bare copper (BC); Copper-clad aluminum (CCA)	φ 2.80
2. Dielectric	Foam PE (FPE)	φ 7.80
3. Outer conductor	Al Foil /Tinned Copper braid (AF/TC); Al Foil /Al Magnesium braid (AF/AM)	φ 8.80
4. Jacket	PVC Black; PE Black	φ 11.1

Properties

Property	Value
Characteristics Impedance	50±2 Ω
Rated capacitance	81 pf/m
Velocity	82.00%
Dc resistance (Inner conductor)	2.86 Ω/km
Dc resistance (Inner conductor)	8.25 Ω/km
Shielding attenuation	≥90dB@30-1000Mhz
Minimum bending radius	52mm
Operating temperature	-25 ~ +70°C for PVC jacket ; -40 ~ +80°C for PE jacket
RoHS	Compliant

Attenuation

Frequency(MHz)	Attenuation(20°C, dB/100m)
150	5.20
280	7.20
350	8.20
400	8.80
800	12.90
900	14.00
1200	16.70
1500	19.20
1900	22.20
2000	22.90
2200	24.30
2500	26.40
3000	29.60

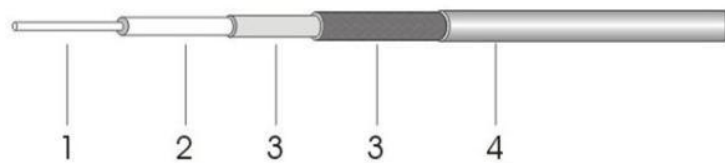
10D-FB Coaxial Cable



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.

Item No.: RFCC-10D-FB



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%
Dc resistance (Inner conductor)	1.82 Ω/km
Dc resistance (Inner conductor)	5.30 Ω/km
Shielding attenuation	≥90dB@30-1000Mhz
Minimum bending radius	65mm
Operating temperature	-25 ~ +70°C for PVC jacket ; -40 ~ +80°C for PE jacket
RoHS	Compliant

Attenuation

Frequency(MHz)	Attenuation(20°C, dB/100m)
150	4.10
280	5.60
350	6.30
400	6.90
800	10.20
900	11.10
1200	13.40
1500	15.30
1900	17.70
2000	18.30
2200	19.40
2500	21.00
3000	23.60

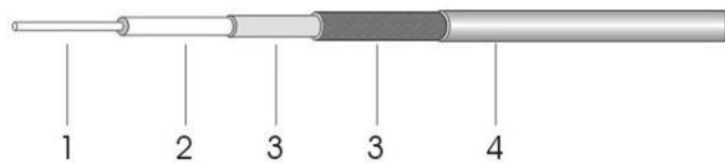
12D-FB Coaxial Cable



12D-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.

Item No.: RFCC-12D-FB



Mechanical Construction

Property	Material	Diameter(mm)
1. Inner conductor	Copper-clad aluminum (CCA)	φ 4.40
2. Dielectric	Foam PE (FPE)	φ 12.40
3. Outer conductor	Al Foil /Tinned Copper braid (AF/TC); Al Foil /Al Magnesium braid (AF/AM)	φ 13.50
4. Jacket	PVC Black; PE Black	φ 15.60

Properties

Property	Value
Characteristics Impedance	50±2 Ω
Rated capacitance	81 pf/m
Velocity	82.00%
Jacket spark voltage	5.0 kv
Shielding attenuation	≥90dB@30-1000Mhz
Minimum bending radius	78mm
Operating temperature	-25 ~ +70°C for PVC jacket ; -40 ~ +80°C for PE jacket
RoHS	Compliant

Attenuation

Frequency(MHz)	Attenuation(20°C, dB/100m)
150	3.40
280	4.70
350	5.30
400	5.80
800	8.50
900	9.20
1200	10.90
1500	12.30
1900	14.30
2000	14.80
2200	15.70
2500	17.10
3000	19.30