



D-FB Coax Cable

Good quality & Good service based on reasonable prices.

- + OEM customized production according to your requirements.
- + Standardized products and services according to our own brand.



3D-FB BC TC PE NO.7101401

Construction Parameters:

Inner Conductor	1.07mm Bare Copper
Dielectric	3.00mm Foamed PE
Shield	Nom.3.20mm Bonded AL-Foil
Outer Conductor	Nom. 3.55mm Tinned Copper Braid
Jacket	5.40mm PE Black

Electrical Characteristics:

Capacitance	82 pF/m
Impedance	50 Ω
Velocity of Propagation	81%
Inner Conductor DCR	19.2 Ω /km
Outer Conductor DCR	16.3 Ω /km
Shielding Effectiveness	≥ 80 dB
Return Loss	≥ 20 dB
RoHS	Yes

Mechanical and Environmental Properties:

Cable Bend Radius	27mm
Operating Temp Range	-40 $^{\circ}$ C to +85 $^{\circ}$ C
Cable Dimensions	5.40mm



Attenuation(20 $^{\circ}$ C):

Frequency (MHZ)	Max Attenuation (dB/100m)
150	13.00
280	17.50
350	19.50
400	21.00
800	30.00
900	31.60
1200	37.00
1500	41.50
1900	45.60
2000	48.20
2500	54.10



5D-FB BC TC PE NO.7101403

Construction Parameters:

Inner Conductor	1.80±0.03mm Bare Copper
Dielectric	4.95±0.15mm Foamed PE
Shield	Nom.5.2mm Bonded AL-Foil
Outer Conductor	Nom. 5.70mm Tinned Copper Braid
Jacket	7.50±0.15mm PE Black

Electrical Characteristics:

Capacitance	80 pF/m
Impedance	50±2 Ω
Velocity of Propagation	83%
DC Breakdown Voltage	2500V
Jacket Spark	3000 V.RMS
Shielding Effectiveness	≥ 80 dB
Return Loss	≥ 20.8 dB
RoHS	Yes

Mechanical and Environmental Properties:

Min. Cable Bend Radius	35mm
Operating Temp. Range	-40 °C to +80°C
Installation Temp. Range	-30 °C to +60°C
Tensile Strength	55 kg

Attenuation(20°C):

Frequency (MHZ)	Max Attenuation (dB/100m)
150	7.60
280	10.70
350	12.10
400	12.70
800	18.60
900	19.70
1200	23.80
1500	27.00
1900	31.10
2000	32.20
2400	35.60
3000	40.80





7D-FB BC TC PE NO.7101405

Construction Parameters:

Inner Conductor	2.60mm Bare Copper
Dielectric	7.30mm Foamed PE
Shield	Nom.7.50mm Bonded AL-Foil
Outer Conductor	Nom. 8.00mm Tinned Copper Braid
Jacket	10.30mm PE Black

Electrical Characteristics:

Capacitance	84 pF/m
Impedance	50 Ω
Velocity of Propagation	82%
DC Test Voltage	2500 V
Jacket spark	4000 (V.RMS)
Shielding Effectiveness	≥ 80 dB
Return Loss	≥ 20.8 dB
RoHS	Yes

Mechanical and Environmental Properties:

Min. Cable Bend Radius	35mm
Operating Temp. Range	-40 °C to +80°C
Installation Temp. Range	-30 °C to +60°C
Tensile Strength	73 kg



Attenuation(20°C):

Frequency (MHZ)	Max Attenuation (dB/100m)
150	5.20
280	7.20
350	8.30
400	8.80
800	12.60
900	13.80
1200	16.60
1500	19.00
1900	22.20
2000	23.00
2400	25.50
3000	29.30



8D-FB BC TC PE NO.7101408

Construction Parameters:

Inner Conductor	2.80±0.03mm Bare Copper
Dielectric	7.80±0.15mm Foamed PE
Shield	Nom.8.00mm Bonded AL/PET/AL Foil
Outer Conductor	Nom. 8.60mm Tinned Copper Braid
Jacket	11.1±0.2mm PE Black

Electrical Characteristics:

Capacitance	84 pF/m
Impedance	50±2 Ω
Velocity of Propagation	83%
Dc Test Voltage	2500V
Jacket spark	4000 V.RMS
Shielding Effectiveness	≥ 80 dB
Return Loss	≥ 20 dB
RoHS	Yes

Mechanical and Environmental Properties:

Min. Cable Bend Radius	60 mm
Operating Temp. Range	-40 °C to +80°C
Installation Temp. Range	-30 °C to +60°C
Max.Tensile Strength	73 kg



Attenuation(20°C):

Frequency (MHZ)	Max Attenuation (dB/100m)
150	5.00
280	7.10
350	8.20
400	8.40
800	12.10
900	12.80
1200	16.30
1500	18.40
1900	21.40
2000	22.30
2400	24.60
3000	28.20



8D-FB CCA TC PE NO.7101408e

Construction Parameters:

Inner Conductor	2.80±0.03mm Copper Clad Aluminum
Dielectric	7.80±0.15mm Foamed PE
Shield	Nom.8.00mm Bonded AL/PET/AL Foil
Outer Conductor	Nom. 8.60mm Tinned Copper Braid
Jacket	11.1±0.2mm PE Black

Electrical Characteristics:

Capacitance	84 pF/m
Impedance	50±2 Ω
Velocity of Propagation	83%
Dc Test Voltage	2500V
Jacket spark	4000 V.RMS
Shielding Effectiveness	≥ 80 dB
Return Loss	≥ 20.8 dB
RoHS	Yes

Mechanical and Environmental Properties:

Min. Cable Bend Radius	60 mm
Operating Temp. Range	-40 °C to +80°C
Installation Temp. Range	-30 °C to +60°C
Max.Tensile Strength	73 kg



Attenuation(20°C):

Frequency (MHZ)	Max Attenuation (dB/100m)
150	5.00
280	7.10
350	8.20
400	8.40
800	12.10
900	12.80
1200	16.30
1500	18.40
1900	21.40
2000	22.30
2400	24.60
3000	28.20



10D-FB BC TC PE NO.7101411

Construction Parameters:

Inner Conductor	3.50mm Bare Copper
Dielectric	10.00mm Foamed PE
Shield	Nom.10.20mm Bonded AL-Foil
Outer Conductor	Nom. 10.80mm Tinned Copper Braid
Jacket	13.00mm PE Black

Electrical Characteristics:

Capacitance	82 pF/m
Impedance	50 Ω
Velocity of Propagation	83%
Inner Conductor DCR	1.8 Ω /km
Outer Conductor DCR	6.4 Ω /km
Shielding Effectiveness	≥ 80 dB
Return Loss	≥ 20 dB
RoHS	Yes

Mechanical and Environmental Properties:

Cable Bend Radius	65mm
Operating Temp Range	-40 $^{\circ}$ C to +85 $^{\circ}$ C
Cable Dimensions	13.00mm



Attenuation(20 $^{\circ}$ C):

Frequency (MHZ)	Max Attenuation (dB/100m)
150	4.10
280	5.70
350	6.40
400	6.90
800	10.30
900	11.00
1200	13.10
1500	15.00
1900	17.40
2000	18.00
2500	20.50



12D-FB BC TC PE NO.7101414

Construction Parameters:

Inner Conductor	4.40mm Bare Copper
Dielectric	12.40mm Foamed PE
Shield	Nom.12.40mm Bonded AL-Foil
Outer Conductor	Nom. 13.20mm Tinned Copper Braid
Jacket	15.60mm PE Black

Electrical Characteristics:

Capacitance	82 pF/m
Impedance	50 Ω
Velocity of Propagation	81%
Inner Conductor DCR	1.2 Ω /km
Outer Conductor DCR	4.5 Ω /km
Shielding Effectiveness	≥ 80 dB
Return Loss	≥ 20 dB
RoHS	Yes

Mechanical and Environmental Properties:

Cable Bend Radius	78mm
Operating Temp Range	-40 $^{\circ}$ C to +85 $^{\circ}$ C
Cable Dimensions	15.60mm



Attenuation(20 $^{\circ}$ C):

Frequency (MHZ)	Max Attenuation (dB/100m)
150	3.40
280	4.70
350	5.30
400	5.70
800	8.50
900	9.10
1200	10.80
1500	12.30
1900	14.20
2000	14.60
2500	16.60



12D-FB CCA TC PE NO.7101414e

Construction Parameters:

Inner Conductor	4.40mm Copper Clad Aluminum
Dielectric	12.40mm Foamed PE
Shield	Nom.12.40mm Bonded AL-Foil
Outer Conductor	Nom. 13.20mm Tinned Copper Braid
Jacket	15.60mm PE Black

Electrical Characteristics:

Capacitance	82 pF/m
Impedance	50 Ω
Velocity of Propagation	81%
Shielding Effectiveness	≥ 80 dB
Return Loss	≥ 20 dB
RoHS	Yes

Mechanical and Environmental Properties:

Cable Bend Radius	78mm
Operating Temp Range	-40 °C to +85°C
Cable Dimensions	15.60mm



Attenuation(20

Frequency (MHZ)	Max Attenuation (dB/100m)
150	3.40
280	4.70
350	5.30
400	5.70
800	8.50
900	9.10
1200	10.80
1500	12.30
1900	14.20
2000	14.60
2500	16.60

 GLOBAL MARKET

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