

7D-FB Coaxial Cable



Technical Specification

Items	Material	Diameter	Remarks
Inner Conductor	CCA	2.60mm	Per customer's requirements: The second shield could be 112, 128 or 144 AL-Mg wires braiding; Jacket could be PVC or PE ;
Dielectric	Foam PE	7.30mm	
First Shield	Bonded Aluminum Foil	7.40mm	
Second Shield	AL-Mg Wire Braid	8.00mm	
Jacket	PVC/PE	9.80mm	

Electrical Specification

Impedance	50Ω
Capacitance	82±2pF/m
Velocity of Propagation	82.0%
Dielectric strength	1.6kV
V.S.W.R	≤1.3
Return Loss	≥20
Screening Effectiveness	≥90dB
Min. Bending Radius	45.0mm
Operating Temperature	-25 to +70 °C

Attenuation (@20°C)

Frequency(MHz)	Max Attenuation(dB/100m)
1200	16.8
1500	19.2
1800	21.4
1900	22.2
2000	23.2
2200	23.9
2500	25.6
3000	29.5