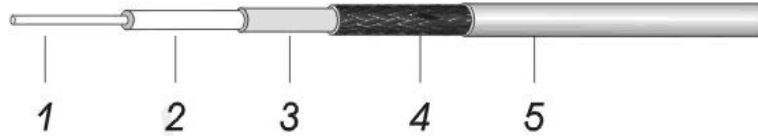


7D-FB

50 Ohm Coaxial Cable



PHYSICAL DIMENSION

	Material	Diameter(mm)
1. Inner Conductor	BC or CCA	2.60
2. Dielectric	Foamed PE	7.30
3. First Shield	Bonded Aluminum Foil	7.50
4. Outer Conductor	Tinned Copper	8.00
5. Jacket	PVC or PE	9.80

ELECTRICAL & MECHANICAL PROPERTIES

Capacitance (pF/m)	50
Impedance(ohms)	82
Velocity of Propagation(%)	81
Inner Conductor DC Resistance(Ω /km)	3.3/5.0
Outer Conductor DC Resistance(Ω /km)	9.3
Shielding Effectiveness(\geq dB)	80
Storage Temperature($^{\circ}$ C)	-25~+70
Installation Temperature($^{\circ}$ C)	-25~+70
Operation Temperature($^{\circ}$ C)	-25~+70
Min. Bending Radius(mm)	49

	Frequency	dB
VSWR \leq (Return loss \geq dB)	5~3000MHz	1.20 (20)
	800~1000MHz	1.10 (26)
	1700~2000MHz	1.15 (23)
	2000~2400MHz	1.15 (23)

ATTENUATION (20 $^{\circ}$ C)

Frequency(MHz)	Attenuation(dB/100m)	Frequency(MHz)	Attenuation(dB/100m)
100	4.30	1800	21.10
350	8.30	1900	21.80
800	13.10	2000	22.50
1200	16.70	2200	23.80
1500	19.00	2500	25.70