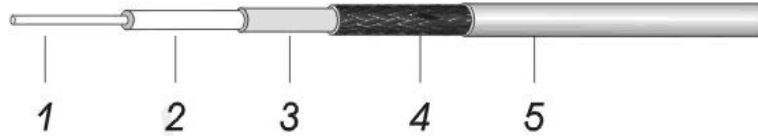


10D-FB

50 Ohm Coaxial Cable



PHYSICAL DIMENSION

	Material	Diameter(mm)
1. Inner Conductor	BC or CCA	3.50
2. Dielectric	Foamed PE	10.00
3. First Shield	Bonded Aluminum Foil	10.20
4. Outer Conductor	Tinned Copper	10.80
5. Jacket	PVC or PE	13.00

ELECTRICAL & MECHANICAL PROPERTIES

Capacitance (pF/m)	50
Impedance(ohms)	84
Velocity of Propagation(%)	80
Inner Conductor DC Resistance(Ω /km)	1.8/2.8
Outer Conductor DC Resistance(Ω /km)	6.4
Shielding Effectiveness(\geq dB)	80
Storage Temperature($^{\circ}$ C)	-25 \sim +70
Installation Temperature($^{\circ}$ C)	-25 \sim +70
Operation Temperature($^{\circ}$ C)	-25 \sim +70
Min. Bending Radius(mm)	65

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

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

Frequency(MHz)	Attenuation(dB/100m)	Frequency(MHz)	Attenuation(dB/100m)
100	3.20	1800	16.80
350	6.30	1900	17.40
800	10.20	2000	18.00
1200	13.10	2200	18.80
1500	15.00	2500	20.50