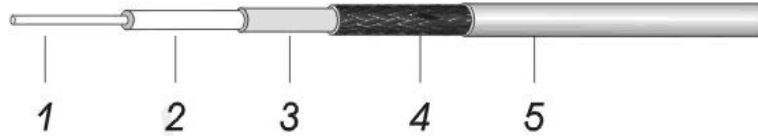


12D-FB

50 Ohm Coaxial Cable



PHYSICAL DIMENSION

	Material	Diameter(mm)
1. Inner Conductor	BC or CCA	4.40
2. Dielectric	Foamed PE	12.40
3. First Shield	Bonded Aluminum Foil	12.60
4. Outer Conductor	Tinned Copper	13.20
5. Jacket	PVC or PE	15.60

ELECTRICAL & MECHANICAL PROPERTIES

Capacitance (pF/m)	50
Impedance(ohms)	83
Velocity of Propagation(%)	81
Inner Conductor DC Resistance(Ω /km)	1.2/1.8
Outer Conductor DC Resistance(Ω /km)	4.5
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)	78

	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	2.70	1800	13.70
350	5.30	1900	14.20
800	8.50	2000	14.60
1200	10.80	2200	14.90
1500	12.30	2500	16.60