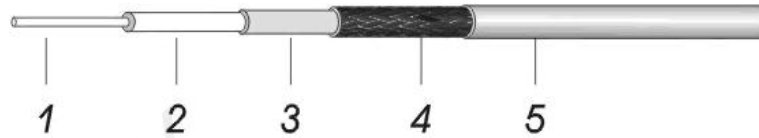


8D-FB

50 Ohm Coaxial Cable



PHYSICAL DIMENSION

	Material	Diameter(mm)
1. Inner Conductor	BC or CCA	2.80
2. Dielectric	Foamed PE	7.80
3. First Shield	Bonded Aluminum Foil	8.00
4. Outer Conductor	Tinned Copper	8.60
5. Jacket	PVC or PE	10.40

ELECTRICAL & MECHANICAL PROPERTIES

Capacitance (pF/m)	50
Impedance(ohms)	82
Velocity of Propagation(%)	82
Inner Conductor DC Resistance(Ω /km)	2.9/4.4
Outer Conductor DC Resistance(Ω /km)	9.4
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)	52

	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	4.10	1800	20.80
350	8.10	1900	21.50
800	12.90	2000	22.10
1200	16.30	2200	23.50
1500	18.60	2500	25.40