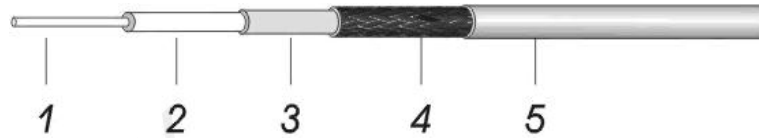


3D-FB

50 Ohm Coaxial Cable



PHYSICAL DIMENSION

	Material	Diameter(mm)
1. Inner Conductor	BC or CCS	1.07
2. Dielectric	Foamed PE	3.00
3. First Shield	Bonded Aluminum Foil	3.20
4. Outer Conductor	Tinned Copper	3.55
5. Jacket	PVC or PE	5.40

ELECTRICAL & MECHANICAL PROPERTIES

Capacitance (pF/m)	82
Impedance(ohms)	50
Velocity of Propagation(%)	81
Inner Conductor DC Resistance(Ω /km)	19.2/65.2
Outer Conductor DC Resistance(Ω /km)	16.3
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)	27

	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	10.40	1800	45.60
350	19.50	1900	46.90
800	30.00	2000	48.20
1200	37.00	2200	50.60
1500	41.50	2500	54.10