



# Hangzhou Risingsun Cable Co., Ltd



**4D-FB**

Construction	Material	Diameter(mm)
Inner Conductor	Solid Bare Copper	1.42
Dielectric	Foamed PE	3.80
First Shield	Bonded Alumium Foil	3.94
Second Shield	70% Tinned Copper Braid	16/6/0.12
Jacket Outdoor	PE	6.10
Indoor	PVC/TPE	6.10

## Electrical Characteristics

Impedance( $\Omega$ )	50 $\pm$ 3
Capacitance(pF/m)	82 $\pm$ 2
Velocity of Propagation(%)	81.0
Dielectric Strength(KV)	1.6
V.S.W.R	$\leq$ 1.3
Return Loss(dB)	$\geq$ 20
Screening Effectiveness(dB)	$\geq$ 85
Min Bending Radius(mm)	30
Operating Temp Range( $^{\circ}$ C)	-25 to 70

## Attenuation ( 20 $^{\circ}$ C )

Frequency(Mhz)	Max Attenuation(dB/100ft)	Max Attenuation(dB/100m)
150	3.0	10.0
280	3.9	12.9
350	5.0	16.5
400	5.3	17.5
800	7.2	23.6
900	7.5	24.5
1200	8.7	28.4
1500	10.2	33.5
1800	11.3	37.2
1900	11.6	37.9
2000	11.8	38.7
2200	12.3	40.5
2500	13.1	43.1
3000	14.8	48.6

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