



# Hangzhou Risingsun Cable Co., Ltd



**10D-FB**

Construction		Material	Diameter(mm)
Inner Conductor		Solid Bare Copper or CCA	3.5
Dielectric		Foamed PE	10.00
First Shield		Bonded Alumium Foil	10.20
Second Shield		90% Tinned Copper Braid	24/7/0.15
Jacket	Outdoor	PE	13.00
	Indoor	PVC	13.00

## Electrical Characteristics

Impedance( $\Omega$ )	50 $\pm$ 3
Capacitance(pF/m)	84
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)	$\geq$ 90
Min Bending Radius(mm)	65
Operating Temp Range( $^{\circ}$ C)	-25 to 70

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

Frequency(Mhz)	Max Attenuation(dB/100ft)	Max Attenuation(dB/100m)
100	1.0	3.2
150	1.2	4.1
280	1.7	5.6
350	1.9	6.3
400	2.1	7.0
800	3.1	10.2
900	3.4	11.0
1200	4.0	13.1
1500	4.7	15.3
1800	5.1	16.8
1900	5.3	17.4
2000	5.5	18.0
2200	5.7	18.8
2500	6.2	20.5
3000	6.9	22.5

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