



# Hangzhou Risingsun Cable Co., Ltd



**8D-FB**

Construction	Material	Diameter(mm)
Inner Conductor	Solid Bare Copper or CCA	2.8
Dielectric	Foamed PE	7.80
First Shield	Bonded Alumium Foil	8.00
Second Shield	90% Tinned Copper Braid	16/9/0.15
Jacket Outdoor	PE	10.60
Jacket Indoor	PVC	10.60

## Electrical Characteristics

Impedance( $\Omega$ )	50 $\pm$ 3
Capacitance(pF/m)	84
Velocity of Propagation(%)	82.0
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)	55
Operating Temp Range( $^{\circ}$ C)	-25 to 70

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

Frequency(Mhz)	Max Attenuation(dB/100ft)	Max Attenuation(dB/100m)
100	1.2	4.1
150	1.6	5.1
280	2.2	7.1
350	2.5	8.1
400	2.7	8.7
800	3.9	12.9
900	4.2	13.8
1200	5.0	16.3
1500	5.7	18.6
1800	6.3	20.8
1900	6.6	21.5
2000	6.7	22.1
2200	7.2	23.5
2500	7.7	25.4
3000	8.7	28.4

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