



# Hangzhou Risingsun Cable Co., Ltd



**5D-FB**

Construction		Material	Diameter(mm)
Inner Conductor		Solid Bare Copper or CCA	1.8
Dielectric		Foamed PE	5.00
First Shield		Bonded Alumium Foil	5.20
Second Shield		70% Tinned Copper Braid	16/7/0.12
Jacket	Outdoor	PE	7.50
	Indoor	PVC	7.50

### Electrical Characteristics

Impedance( $\Omega$ )	50 $\pm$ 3
Capacitance(pF/m)	82 $\pm$ 2
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)	$\geq$ 85
Min Bending Radius(mm)	35
Operating Temp Range( $^{\circ}$ C)	-25 to 70

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

Frequency(Mhz)	Max Attenuation(dB/100ft)	Max Attenuation(dB/100m)
100	1.9	6.3
150	2.4	7.8
280	3.3	10.9
350	3.7	12.2
400	4.0	13.0
800	5.8	18.9
900	6.1	20.0
1200	7.3	24.0
1500	8.3	27.2
1800	9.1	29.7
1900	9.5	31.3
2000	9.9	32.5
2200	10.1	33.3
2500	10.9	35.8
3000	12.5	40.9

### HANGZHOU RISINGSUN CABLE CO.,LTD

Add:1188 Jinxi Rd.s Linglong Industrial Zone Lin'an,Zhejiang,China

Tel: 86-571-63766698

Fax: 86-571-63766808

Web:www.rscable.com