



Hangzhou Risingsun Cable Co., Ltd



7D-FB

Construction	Material	Diameter(mm)
Inner Conductor	Solid Bare Copper or CCA	2.6
Dielectric	Foamed PE	7.30
First Shield	Bonded Alumium Foil	7.50
Second Shield	90% Tinned Copper Braid	16/9/0.15
Jacket Outdoor	PE	9.80
Indoor	PVC	9.80

Electrical Characteristics

Impedance(Ω)	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)	45
Operating Temp Range($^{\circ}$ C)	-25 to 70

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

Frequency(Mhz)	Max Attenuation(dB/100ft)	Max Attenuation(dB/100m)
100	1.3	4.3
150	1.6	5.4
280	2.3	7.5
350	2.6	8.4
400	2.7	9.0
800	3.9	12.8
900	4.3	14.1
1200	5.1	16.8
1500	5.9	19.2
1800	6.5	21.4
1900	6.8	22.2
2000	7.1	23.2
2200	7.3	23.9
2500	7.8	25.6
3000	9	29.5

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