



Hangzhou Risingsun Cable Co., Ltd



12D-FB

Construction		Material	Diameter(mm)
Inner Conductor		Solid Bare Copper or CCA	4.4
Dielectric		Foamed PE	12.40
First Shield		Bonded Alumium Foil	12.60
Second Shield		90% Tinned Copper Braid	24/7/0.16
Jacket	Outdoor	PE	15.60
	Indoor	PVC	15.60

Electrical Characteristics

Impedance(Ω)	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)	75
Operating Temp Range($^{\circ}$ C)	-25 to 70

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

Frequency(Mhz)	Max Attenuation(dB/100ft)	Max Attenuation(dB/100m)
100	0.8	2.7
150	1.1	3.6
280	1.4	4.6
350	1.6	5.2
400	1.8	6.0
800	2.6	8.5
900	2.8	9.3
1200	3.3	10.8
1500	3.7	12.3
1800	4.2	13.7
1900	4.3	14.2
2000	4.5	14.7
2200	4.6	14.9
2500	5.1	16.6
3000	6.9	22.5

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