



Hangzhou Risingsun Cable Co., Ltd



3D-FB

Construction	Material	Diameter(mm)
Inner Conductor	Solid Bare Copper	1.07
Dielectric	Foamed PE	3.00
First Shield	Bonded Alumium Foil	3.20
Second Shield	70% Tinned Copper Braid	16/5/0.12
Jacket Outdoor	PE	5.40
Jacket Indoor	PVC/TPE	5.40

Electrical Characteristics

Impedance(Ω)	50 \pm 3
Capacitance(pF/m)	82 \pm 2
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 85
Min Bending Radius(mm)	27
Operating Temp Range($^{\circ}$ C)	-25 to 70

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

Frequency(Mhz)	Max Attenuation(dB/100ft)	Max Attenuation(dB/100m)
100	3.2	10.4
150	4.0	13.0
280	5.3	17.5
350	5.9	19.5
400	6.6	21.5
800	9.2	30.2
900	9.7	31.8
1200	11.3	37.2
1500	12.6	41.5
1800	13.9	45.6
1900	14.3	46.8
2000	14.7	48.2
2200	15.4	50.6
2500	16.5	54.0

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