

Hangzhou Sanyuan Cable Co.,Ltd

12D-FB-AL

Construction

	Material	Diameter(mm)
Inner conductor	Bare Copper Or Copper Clad Aluminum	4.4
Dielectric	Foamed PE	12.4
First Shield	Bonded Aluminum Foil	12.6
Second Shield	Aluminum Wire Braiding(90%)	24x7x0.15
Jacket	PVC or PE	15.6

Electrical Characteristics

Impedance(Ω)	50 \pm 3
Capacitance(pF/m)	84
Velocity of Propagation(%)	81
Dielectric Strength(kv)	1.6
VSWR	\leq 1.3
Return Loss	\geq 20
Screening Effectiveness(dB)	\geq 90
Min. Bending Radius (mm)	75
Operating Temp.($^{\circ}$ C)	subzero 25 to 70

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

Frequency(MHz)	Max Attenuation(dB/100m)
100	2.7
150	3.6
280	4.6
350	5.2
400	6
800	8.5
900	9.3
1200	10.8
1500	12.3
1800	13.7
1900	14.2
2000	14.6
2200	14.9
2500	16.6
3000	22.5