

Hangzhou Sanyuan Cable Co.,Ltd

12D-FB

Construction

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

Electrical Characteristics

Impedance(Ω)	50 \pm 3
Capacitance(pF/m)	84 \pm 2
Velocity of Propagation(%)	81
Dielectric Strength(KV)	1.6
V.S.W.R	\leq 1.3
Return Loss	\geq 20
Screening Effectiveness	\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