

Hangzhou Sanyuan Cable Co.,Ltd

8D-FB

Construction

	Material	Diameter(mm)
Inner conductor	Bare Copper or Copper Clad Aluminium	2.8
Dielectric	Foam PE	7.8
First Shield	Bonded Aluminum Foil	8
Second Shield	Tinned Copper Wire Braid (90%)	16x9x0.15
Jacket	PVC or PE	10.6

Electrical Characteristics

Impedance(Ω)	50 \pm 3
Capacitance(pF/m)	84 \pm 2
Velocity of Propagation(%)	82
Dielectric Strength(KV)	1.6
V.S.W.R	\leq 1.3
Return Loss	\geq 20
Screening Effectiveness	\geq 90
Min. bending Radius(mm)	55
Operating temp.($^{\circ}$ C)	Subzero 25 to +70

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

Frequency(MHz)	Max Attenuation(dB/100m)
100	4.1
150	5.1
280	7.1
350	8.1
400	8.7
800	12.9
900	13.8
1200	16.3
1500	18.6
1800	20.8
1900	21.5
2000	22.1
2200	23.5
2500	25.4
3000	28.4