

Hangzhou Sanyuan Cable Co.,Ltd

4D-FB

Construction

	Material	Diameter(mm)
Inner conductor	Bare Copper or Copper Clad Steel	1.42
Dielectric	Foam PE	3.8
First Shield	Bonded Aluminum Foil	3.94
Second Shield	Tinned Copper Wire Braid (70%)	16x6x0.12
Jacket	PVC or PE	6.1

Electrical Characteristics

Impedance(Ω)	50 \pm 3
Capacitance(pF/m)	82 \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 85
Min. bending Radius(mm)	30
Operating temp.($^{\circ}$ C)	Subzero 25 to +70

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

Frequency(MHz)	Max Attenuation(dB/100m)
150	10
280	12.9
350	16.5
400	17.5
800	23.6
900	24.5
1200	28.4
1500	33.5
1800	37.2
1900	37.9
2000	38.7
2200	40.5
2500	43.1
3000	48.6