

Hangzhou Sanyuan Cable Co.,Ltd

3D-FB

Construction

	Material	Diameter(mm)
Inner conductor	Bare Copper or Copper Clad Steel	1.07
Dielectric	Foam PE	3
First Shield	Bonded Aluminum Foil	3.2
Second Shield	Tinned Copper Wire Braid (70%)	16x5x0.12
Jacket	PVC or PE	5.4

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)	27
Operating temp.($^{\circ}$ C)	Subzero 25 to +70

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

Frequency(MHz)	Max Attenuation(dB/100m)
100	10.4
150	13
280	17.5
350	19.5
400	21.5
800	30.2
900	31.8
1200	37.2
1500	41.5
1800	45.6
1900	46.8
2000	48.2
2200	50.6
2500	54