

Hangzhou Sanyuan Cable Co.,Ltd

10D-FB

Construction

	Material	Diameter(mm)
Inner conductor	Bare Copper or Copper Clad Aluminium	3.5
Dielectric	Foam PE	10
First Shield	Bonded Aluminium Foil	10.2
Second Shield	Tinned Copper Wire Braid (90%)	24x7x0.15
Jacket	PVC or PE	13

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)	65
Operating temp.($^{\circ}$ C)	Subzero 25 to +70

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

Frequency(MHz)	Max Attenuation(dB/100m)
100	3.2
150	4.1
280	5.6
350	6.3
400	7
800	10.2
900	11
1200	13.1
1500	15.3
1800	16.8
1900	17.4
2000	18
2200	18.8
2500	20.5
3000	22.5