

# Hangzhou Sanyuan Cable Co.,Ltd

## 12D-FB

### Construction

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

### Electrical Characteristics

Impedance( $\Omega$ )	50 $\pm$ 3
Capacitance(pF/m)	84
Velocity of Propagation(%)	81
Dielectric Strength(kv)	1.6
VSWR	$\leq$ 1.3
Return Loss	$\geq$ 20
Screening Effectiveness(dB)	$\geq$ 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