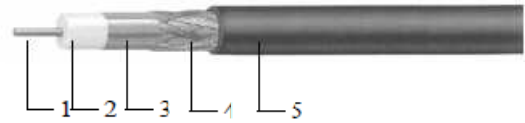


Alliance Cable 8D-FB Coaxial Cable

8D-FB-CCA



- 1: Inner conductor
- 2: Insulation
- 3: 1st shield
- 4: 2nd shield
- 5: Jacket

Construction		
Inner Conductor	Material	Copper Clad Aluminum
	Diameter, mm	2.80±0.02
Insulation	Material	Physically Foamed PE
	Diameter, mm	7.80±0.20
Outer Conductor	1st shield	Boned Al/ PET/Al Tape
	2nd shield	Tinned Copper Wire Braid
	Diameter, mm	8.80 (Nominal)
Jacket	Material	PVC or LLDPE or Fire Retardant PE
	Diameter, mm	10.40±0.20
Mechanical Properties		
Single Bending Radius, mm		35
Adhesion Force, N		>150
Electrical Properties		
Impedance, Ω		50±2
Capacitance, pF/m		86
Propagation Velocity, %		85
Proof Voltage, AC kV/min		1
Insulation Resistance, MΩ•km		>5×10 ³
Screening Attenuation, dB		>>90

Attenuation	
Frequency MHz	Nom. Attenuation @ 20°, dB/100m
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
2500	23.5
2700	26.9
3000	28.4
Maximum attenuation value shall be 105% of the nominal attenuation value	
VSWR	
100-480MHz	1.20
820-1900MHz	1.25
1900-3000MHz	1.30

Alliance Corporation manufactures & distributes equipment for the wireless industry throughout North and South America. Let our industry experts help you build your wireless network.

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