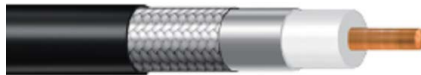


PRODUCT SPECIFICATION

50 Ohm Coaxial Braiding Cable

5D-FB

PRODUCT DESCRIPTION



- The high-performance of attenuation allows coaxial cable to be used in different RF systems, such as 3G, 4G mobile communication.
- Wide range of applications, such as indoor distribution, broadcast, different base stations, wireless cellular, and others.
- Lower VSWR and perfect shielding effectiveness lead to fewer energy loss and outer interference.

CONSTRUCTION

Inner conductor	Copper wire	Φ 1.80mm
Insulation	Physically foamed PE	Φ 5.00mm
1st Outer conductor	Bonded aluminum laminated tape	
2nd Outer conductor	Al-Mg or copper alloy braid	
	Coverage: ≥80%	
Jacket	PVC, PE or flame retardant PVC, PE	Φ 7.50mm

MECHANICAL PROPERTIES

Cable length	m	500/1000
Min. bending radius	mm	35
Pulling strength	N	726
Adhesion Force	N	>70

ELECTRICAL PROPERTIES

Impedance	Ω	50±2
Capacitance	pF/m	79
Propagation velocity	%	85
Jacket spark test, RMS	kV	3.5
DC breakdown voltage	kV	2.0
Insulation resistance	MΩ•km	>5000
Screening attenuation	dB	>90@30~1000MHz

PRODUCT SPECIFICATION

50 Ohm Coaxial Braiding Cable

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ATTENUATION

Frequency MHz	Attenuation @20°C,dB/100m	Attenuation @20°C,dB/100ft
150	8.00	2.44
280	10.90	3.32
350	12.20	3.72
400	13.00	3.96
800	19.20	5.85
900	20.40	6.22
1200	24.20	7.38
1500	27.50	8.38
1900	31.80	9.70
2000	31.20	9.51
2200	32.90	10.03
2500	35.20	10.73
3000	38.90	11.86

STRUCTURE RETURN LOSS

5~1000MHz	dB	>23
1000~2000MHz	dB	>21
2000~3000MHz	dB	>20

STANDARDS

2011/65/EU	Compliant
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