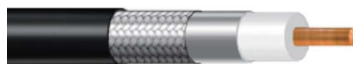


PRODUCT SPECIFICATION

50 Ohm Coaxial Braiding Cable

10D-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 or copper clad aluminum	Φ 3.50mm
Insulation	Physically foamed PE	Φ 10.00mm
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 13.00mm

MECHANICAL PROPERTIES

Cable length	m	500/1000
Min. bending radius	mm	65
Pulling strength	N	750
Adhesion Force	N	>98

ELECTRICAL PROPERTIES

Impedance	Ω	50±2
Capacitance	pF/m	78
Propagation velocity	%	86
Jacket spark test, RMS	kV	5.0
DC breakdown voltage	kV	3.0
Insulation resistance	MΩ•km	>5000
Screening attenuation	dB	>90@30~1000MHz

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ATTENUATION

Frequency MHz	Attenuation @20°C,dB/100m	Attenuation @20°C,dB/100ft
150	4.10	1.25
280	5.60	1.71
350	6.30	1.92
400	6.90	2.10
800	10.20	3.11
900	11.10	3.38
1200	13.40	4.09
1500	15.30	4.66
1900	17.70	5.40
2000	18.30	5.58
2200	19.40	5.91
2500	21.00	6.40
3000	23.60	7.20

STRUCTURE RETURN LOSS

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

STANDARDS

2011/65/EU	Compliant
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