

50 Ohm Coaxial Braiding Cable

RF200

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 1.12mm
Insulation	Physically foamed PE	Φ 2.95mm
1st Outer conductor	Bonded aluminum laminated tape	
2nd Outer conductor	Tinned copper wire braid	
	Coverage: ≥80%	
Jacket	PE	Φ 4.95mm

MECHANICAL PROPERTIES

Cable length	m	305/500/1000
Min. bending radius	mm	25
Pulling strength	N	182
Adhesion Force	N	>18

ELECTRICAL PROPERTIES

Impedance	Ω	50±2
Capacitance	pF/m	80
Propagation velocity	%	83
Jacket spark test, RMS	kV	2.5
DC breakdown voltage	kV	1.0
Insulation resistance	MΩ•km	>5000
Screening attenuation	dB	>90@30~1000MHz

50 Ohm Coaxial Braiding Cable

RF200

ATTENUATION

Frequency MHz	Attenuation @20°C,dB/100m	Attenuation @20°C,dB/100ft
30	5.80	1.77
50	7.50	2.29
150	13.10	3.99
220	15.90	4.85
450	22.80	6.95
900	32.60	9.94
1500	42.40	12.93
1800	46.60	14.21
2000	49.30	15.03
2500	55.40	16.89

Attenuation values may have a tolerance of +5%.

STRUCTURE RETURN LOSS

5~1000MHz	dB	>23
1000~2000MHz	dB	>21
2000~2500MHz	dB	>20

STANDARDS

2011/65/EU	Compliant
------------	-----------