

50ft Hiboost 300 low-loss coaxial cable

Overview

50ft(15m)Hiboost 300 low-loss coaxial cable with N-Male+SMA-Male connectors on each end. It is compatible with all the 50 ohm amplifiers and used to transmit radio frequency (RF) signal. Its working frequency range: 0—6GHz.



Key Features

- Low loss
- Light, flexible and weatherproof
- Low transmission delay
- Minimum attenuation



Specification

Cable Construction		
Project	material	Diameter(mm)
Inner conductor	Copper Clad Aluminum	1.80
Insulation Layer	Foam Polyethylene(FPE)	5.00
Outer conductor	Aluminum Tape and Aluminum Magnesium Alloy Braiding	5.60
Jacket	Polyvinyl Chloride(PVC)	7.50
Electrical Properties and Mechanical Parameter		
Characteristic Impedance (ohm)		50
Rated Capacitance(pF/m)		81
Velocity of Propagation(%)		82
Operating Frequency		1~6000 MHz
Operating Temperature(°C)		-25~+70
Minimum Bending Radius		75mm
VSWR		1~3000MHz≤1.20

Attenuation at Typical Frequencies

Frequency(MHz)	Attenuation(dB/100m)
400	13.0
900	23.7
1500	26.8
1800	29.7
2000	31.5
2500	35.8
3000	40.6
6000	66.5