

20m (66ft) HiBoost 300 low-loss coaxial cable

Overview

20m (66ft) HiBoost 300 low-loss coaxial cable with N-Male connectors on both ends. 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 |