

Coaxial 5D-FB Cable HiBoost300

5D-FB is a high power coaxial cable, used to transmit radio frequency (RF) signal. The cable is full band and it supports a frequency range 0-3 GHz. You can use this cable for all HiBoost repeater models.

Key features

- 2G/3G/4G networks
- Low loss
- Low VSWR
- Low transmission delay

Minimum attenuation Inner Conductor Material	Solid Copper or Copper Clad Steel (1.80 mm)
Dielectric Material	Physical Foam Polyethylene (5.00 mm)
First Shield Material	Bonded Aluminum/Polyester/Aluminum tape (5.20 mm)
Outer Conductor Material	Tinned Copper Braid (5.7 mm)
Jacket Material	Black PVC or Polyethylene (7.50 mm)
Capacitance (Pf/M)	82
Impedance (ohm)	50
Velocity (%)	82
Inner Conductor DC Res. (Ω/KM)	6.8/10.5
Outer Conductor DC Res. (Ω/KM)	14.1
Shielded attenuation (dB)	>80
Storage Temperature	-25 to +70
Installation temperature ($^{\circ}$C)	-25 to +70
Cable Working temperature ($^{\circ}$C)	- 25 to +70
Minimum bend radius (mm)	27

Attenuation (20 $^{\circ}$ C)

150 MHz	17.80 dB/100m
280 MHz	10.80 dB/100m
350 MHz	12.10 dB/100m
400 MHz	13.00 dB/100m
900 MHz	20.20 dB/100m
1200 MHz	23.70 dB/100m
1500 MHz	26.80 dB/100m
1800 MHz	29.70 dB/100m
2200 MHz	33.30 dB/100m
2500 MHz	35.80 dB/100m

VSWR

5-3000MHz \leq 1.20