

WBTR3060 ANTENNA

WBTR3060 Dipole Antenna

The WBTR3060 is a compact dipole antenna designed to mount via its connector onto a terminal powered by a UWB transceiver module. With a hinged connector, the WBTR3060 can lock in either vertical or horizontal positions using its SMA or RP-SMA connector. Ideal for UWB frequency applications, the WBTR3060 does not need a groundplane to offer superior RF performance.



Applications

- ▶ Indoor Positioning and Location
- ▶ Access Control Systems
- ▶ Asset Tracking
- ▶ Factory Automation
- ▶ Logistics Systems

Key Features

- ▶ Dipole Antenna
- ▶ Covering 3.0 to 6.0 GHz Bands
- ▶ Groundplane Independent
- ▶ Terminal Mount
- ▶ SMA or RP-SMA Connector

ELECTRICAL SPECIFICATIONS

Frequency Range	Peak Gain	VSWR	Input Power	Impedance	Polarization
3000-6000 MHz	3.72 dBi @ 3 GHz 3.63 dBi @ 4 GHz 3.47 dBi @ 5 GHz 2.36 dBi @ 6 GHz	<2.5:1	1w	50 Ohm	Linear

MECHANICAL SPECIFICATIONS

Dimensions	Cable Type	Connector	Sheath Material	Weight	Mounting
99.5 x 11mm (lxd)	None	RP- SMA or SMA	Nylon	11gr	Connector Mount

POPULAR ORDERING OPTIONS

FWBTR35382-RS-KR	WBTR3060 antenna with RP-SMA connector
FWBTR35382-SM-KR	WBTR3060 antenna with SMA connector