

# B40 Antennas

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- ▶ Indoor use
- ▶ Outdoor use
- ▶ LTE, 2G/3G/4G, WiMAX applications

Auxiliary indoor/outdoor antennas (B40-MB25/B40-MB50 and B40-P) are available for use with the Bosch Conettix Plug-in Cellular Communicators (B44x). The B40-MB25/B40-MB50 is a mechanically robust antenna suitable for both indoor and outdoor applications with wide bandwidth, and a low angle radiation pattern. In many applications, the B40 Antennas are superior to traditional gain antennas. The B40-P is a low profile, multiband omnidirectional antenna providing excellent performance for mounting on metal surfaces.

## Installation/configuration notes

### Compatible modules

- B440 Conettix Plug-in Cellular Communicator
- B441 Conettix Plug-in Cellular Communicator
- B442 Conettix Plug-in Cellular Communicator
- B443 Conettix Plug-in Cellular Communicator
- B444 Conettix Plug-in 4G VZW LTE Cellular Communicator

## Technical specifications

### Environmental considerations

|                         |                                  |
|-------------------------|----------------------------------|
| Temperature (operating) | -30°C to +85°C (-30°F to +185°F) |
| Enclosure properties    | Weather resistant/outdoor        |

### Power requirements

|                 |                                   |
|-----------------|-----------------------------------|
| Frequency range | 698 - 960 MHz to 1710 - 2700 MHz  |
| Pattern         | Omnidirectional                   |
| Polarization    | Vertical, Linear, Omnidirectional |
| Impedance       | 50 Ω                              |

## Ordering information

### **B40-MB25 Outdoor multiband antenna, cell, 25ft**

Provides wide bandwidth and low angle radiation pattern for indoor/outdoor applications. Supports 2G/3G/4G data communication, Domestic (US) LTE 700 band, Global LTE 2600 band, Domestic (US) Cellular, Global GSM, and WiMAX 2300/2500/2600 bands. Includes a 25 ft (7.6 m) cable, and a mounting bracket.

Order number **B40-MB25**

### **B40-MB50 Outdoor multiband antenna, cell, 50ft**

Provides wide bandwidth and low angle radiation pattern for indoor/outdoor applications. Supports 2G/3G/4G data communication, Domestic (US) LTE

700 band, Global LTE 2600 band, Domestic (US) Cellular, Global GSM, and WiMAX 2300/2500/2600 bands. Includes a 50 ft (15.2 m) cable, and a mounting bracket.

Order number **B40-MB50**

### **B40-P Outdoor puck antenna, cell, 6.5ft**

Omnidirectional, low profile antenna for metallic indoor/outdoor surface mounting. Supports LTE, and 2G/3G/4G data communication. Operates over 698-960 MHz and 1710-2170 MHz bands.

Order number **B40-P**

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