

Tactical VHF Vehicle Antenna

WB3090M

The WB3090M is a rugged, low profile vehicle antenna that is ideally suited for mobile C3i applications in the 30 – 110 MHz frequency range – to be used on numerous kinds of vehicles. The radiator of the antenna can be easily detached temporarily by rotating it at its spring and the whip part separately using the thumb screw.

- Low profile whip antenna
- Optimized horizontal radiation
- Complete radiator and whip separately detachable without tools



| Product details* | |
|-------------------|---|
| Frequency range | 30 – 110 MHz |
| Matching | Passive |
| Polarization | Nominally vertical |
| Antenna type | Monopole, ground plane required |
| Radiation pattern | Omnidirectional |
| Gain | Measured patterns on request |
| VSWR | < 3.5 |
| Nominal Impedance | 50 Ω |
| Power rating | 75 W (RMS) |
| Standard color | Black |
| Radiator | Steel whip with shock absorption spring |
| Height | 1980 mm |
| Weight | 1.4 kg |

| Installation* | |
|---------------|---|
| RF connection | Female BNC-type |
| Mounting | 4-hole US and 3/6-hole NATO pattern mount |

*Specific adjustments on request

| Order number | NSN | Product |
|--------------|------------------|---|
| WB3090M | 5985-58-000-1002 | Antenna as described above |
| WB3090M-C0 | - | Antenna with female N-type connector |
| WB3090M-GPS | - | Antenna with active L1 GPS antenna inside the antenna base ** |

** Contact COJOT for details



Accessory: The optional available FJ5 is a handy tilting mechanism for vehicle whip antennas that enables the user to conveniently tilt down the whip, for instance when having to drive into halls and garages.