

Vehicle Antennas

• JEBSEE •

AN0045

AM/FM/HDR & DAB

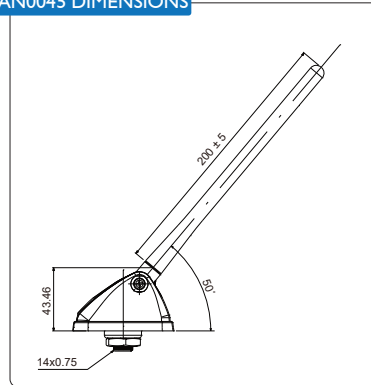
Adjustable-Angle Active Rod Antenna



Features

- **Built-in AM/FM/HDR & DAB Amplifier for Superior Reception**
The antenna base integrates separate amplifiers for AM/FM/HDR and DAB bands, ensuring high-quality radio reception across various environments and supporting modern digital radio standards.
- **Flexible Powering Options**
Supports +12V power supply via a dedicated cable or through phantom mode, offering versatile installation possibilities.
- **Customizable Cable and Connector**
Provides flexibility with customizable cable length, type, and connector configurations to meet different installation and system needs.

AN0045 DIMENSIONS



Model No.		AN0045		
Item		AM/FM/HDR & DAB		
Antenna		AM/FM/HDR & DAB		
Frequency Range	MHz	0.535 – 1.710	87.5 – 108	174 – 240
LNA Gain	dB	2.0 typ.	10 typ.	12.0 typ.
Output VSWR	:1	--	3.0 typ.	3.0 typ.
Polarization			Linear	
Radiation Pattern			Omni-Directional	
Current Consumption	mA	50mA max. @ 12 ± 0.5 VDC via Dedicated cable or Phantom mode		
Dedicated power cable		20AWG, 300mm, Male Crimp Spade Wire Connector		
Coaxial Cable Assembly		RG174U 300mm, AM/FM/HDR: FAKRA-Female(Code B), DAB: FAKRA-Female(Code A)		
		Mechanical		
Mounting		Screw mounting		
IP Rating		IP67		