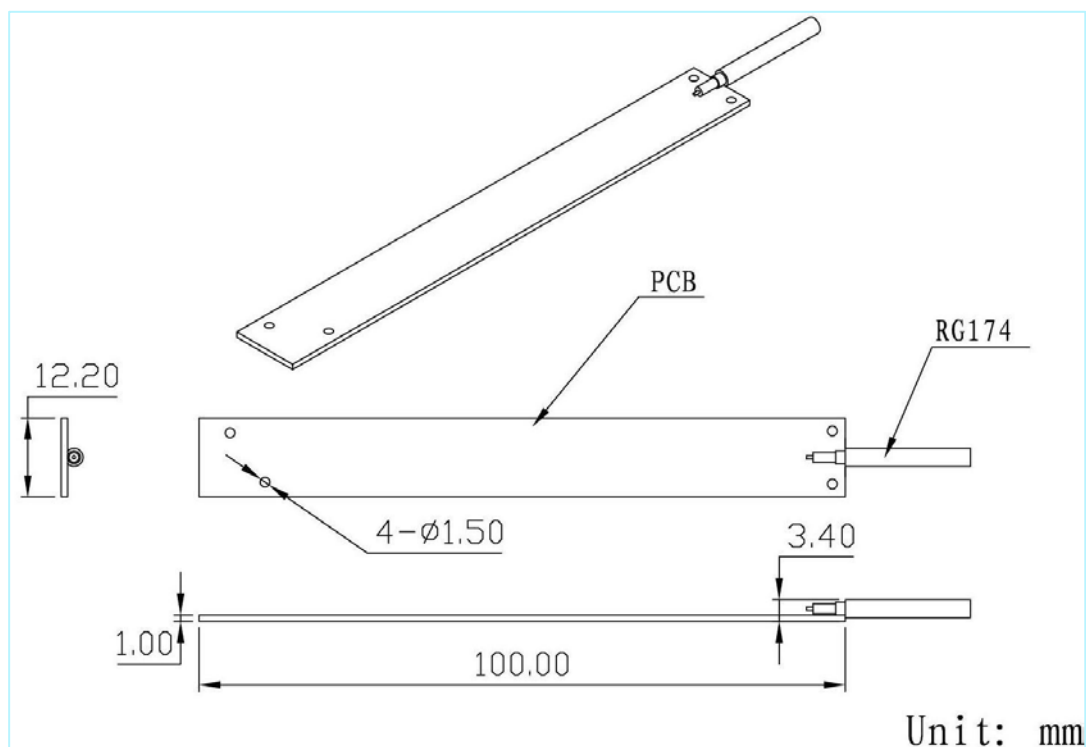


# Low frequency DAB+DVB+DMB bands Active Antenna

AN\_L\_717



## Mechanical dimension



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## Specifications

| Item              | Specifications           |                                        |
|-------------------|--------------------------|----------------------------------------|
| Antenna&Amplifier | Frequency Range          | 174~237MHz/470~958MHz                  |
|                   | Wave Band                | DAB BIII/UHF 13~68CH                   |
|                   | Polarization             | Linear                                 |
|                   | Impedance                | 50Ω                                    |
|                   | PCB Dimension            | 100*12.5*0.8mm                         |
|                   | Gain                     | 20±2dB                                 |
|                   | V.S.W.R                  | <2.0                                   |
|                   | Noise Figure             | <3.0                                   |
|                   | Supply Voltage           | 5~8V DC                                |
|                   | Current Consumption      | 14~28mA                                |
| Mechanical        | Cable                    | RG174                                  |
|                   | PCB                      | FR4                                    |
|                   | Connector                | MCX/SMA/FAKRA or others                |
|                   | Mounting Method          | Adhesive                               |
| Environmental     | Operating Temperature    | -40℃~+85℃                              |
|                   | Relative Humidity        | Up to 75%                              |
|                   | Vibration                | 10 to 55Hz with 1.5mm amplitude 2hours |
|                   | Environmentally Friendly | ROHS Compliant                         |

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## V. S. W. R

Tr1 S21 Log Mag 10.00dB/ Ref 0.000dB  
 Tr2 S22 SWR 1.000/ Ref 1.000

