

# DIPLEXER 108/136 (SMA)

Low profile 3-port Diplexer with SMA connectors

Low profile low-loss 3-port diplexer with adhesive pad for easy installation

- SMD FILTER DESIGN



## ELECTRICAL SPECIFICATIONS

|                  |  |
|------------------|--|
| Frequency        | Low band: 0 - 108 MHz<br>High band: 136 - 1300 MHz |
| Bandwidth        | Low band: 108 MHz<br>High band: 1164 MHz           |
| Impedance        | 50 ohm   |
| Vswr             | Low band: < 1.5<br>High band: < 1.7                |
| Max. Input Power | 30 W   |
| Filter type      | Diplexer   |
| Insertion loss   | Low band: Typ. 0.8 dB<br>High band: Typ. 0.9 dB    |
| Isolation        | Both bands: Typ 50 dB (min. 45 dB)                 |

## MECHANICAL SPECIFICATIONS

|                       |   |
|-----------------------|---|
| Color                 | Silver                                      |
| Weight                | 60 g  |
| Mounting              | Adhesive pad                                |
| Mounting Place        | Inside vehicle (not water-proof)            |
| Materials             | Tin plated steel, pcb, brass, Teflon and PE |
| Operating Temperature | -40C to +70C                                |
| Connector             | SMA-female (All 3 ports)                    |
| Cable                 | No connection cables supplied               |
| Dimension             | 80 x 45 x 20 mm                             |
| Serial no.            | On product label                            |

## Datasheet

2 / 2

## ORDERING INFORMATION

|           |                                 |
|-----------|---------------------------------|
| 51081-000 | Bulk packing                    |
| 51081-001 | Individually packing in Polybag |

## PACKAGING INFORMATION

|        |   |
|--------|---|
| Type   | Bulk packing or individually packing (See "Part No.") |
| Weight | Approx. 75 g  |

