

GSM900-Dual Band Reject Filter

Product Code : PW-RF-02020402

Description :

GSM 900Mhz Frequency Allocation for Indosat is only 10Mhz from CDMA800 StarOne, thus Interference between GSM900 and CDMA800 may occur in few sites. PW-RF-02020402 is designed to be on GSM 900Mhz Base Station/Repeater which only allow GSM900 Frequency and reject away any CDMA 800Mhz signal. This filter offer low insertion Loss (0.5 to 1.5dB) in desired GSM900 band.

Product Advantages :

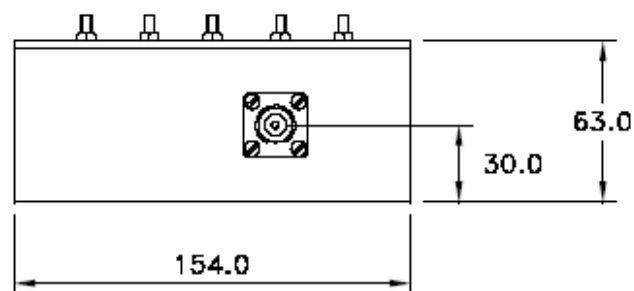
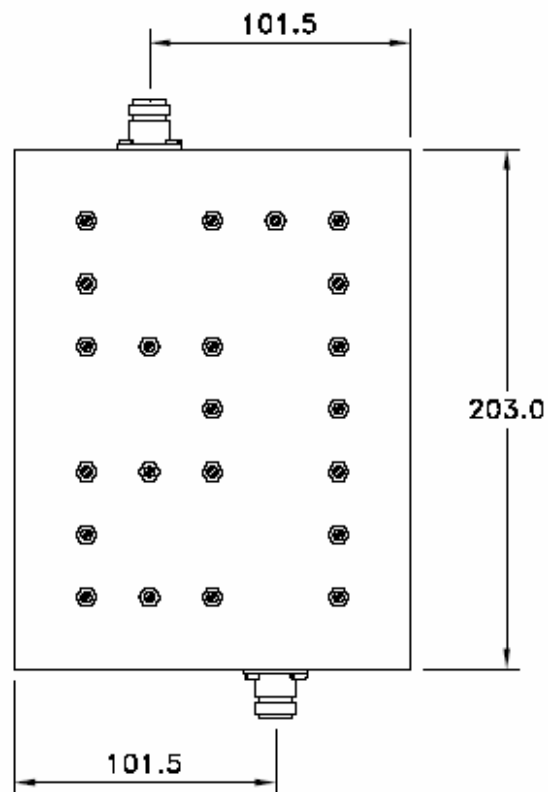
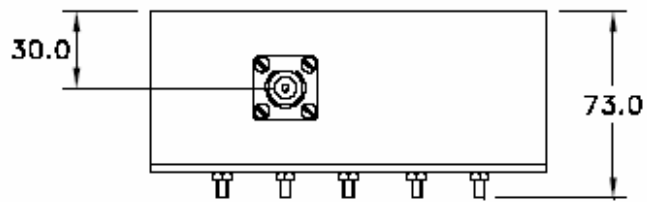
Compact, Integrated thus can replace existing Filter in the Repeater/BTS.
 Reliable Technical Performance for Insertion Loss (max 1.5dB), Rejection (> 40dB), Return Loss (>20dB) and Power Handling (100Watt).

General Specifications:

| <i>Electrical</i> | |
|-------------------------------|--|
| Passband | 892.5 to 915 MHz 935 to 960 MHz |
| Insertion Loss | < 1.5 dB (892.5 to 915 MHz) < 0.5 dB (935 to 960 MHz) |
| Return Loss | > 20 dB (at all ports) |
| Rejection | > 40 dB (825 to 889.5 MHz) |
| Power Handling (CW) | 100W |
| <i>Mechanical</i> | |
| Outline (D x W x H) | 203mm x 154mm x 73mm (excluding connectors) |
| Connectors | N-type (female) on all Ports |
| Case Material | Aluminium |
| Finish | Silver Plate |
| Weight | TBD |
| <i>Environmental</i> | |
| Operational Temperature Range | -20 to +65 °C |
| Weather Protection | IP54 |



Product Outline:





Predicted Design Performance Data:

