

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 :

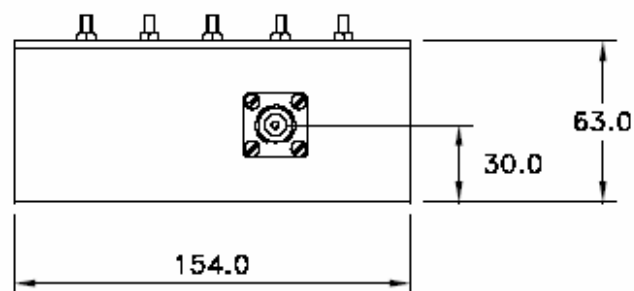
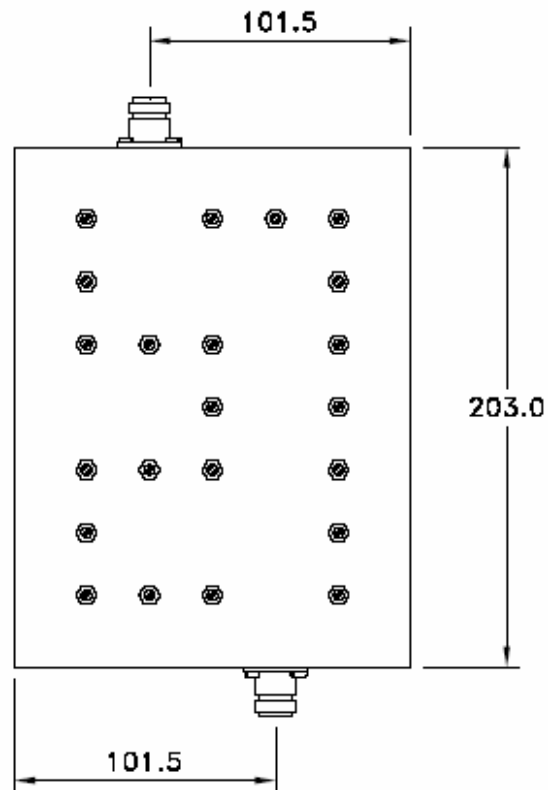
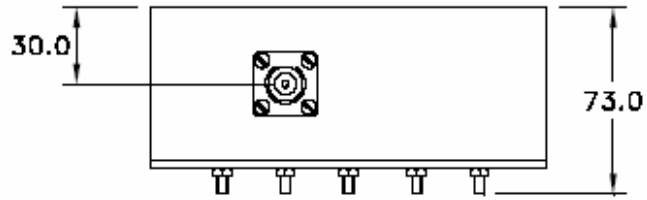
Compact, Integrated thus can replace existing Filter in the Repeater/BTS.
 Reliable Technical Performance for Insertion Loss (max 1.5dB), Rejection (> 40dB), Return Loss (>20dB) and Power Handling (100Watt).

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:

