
 Aerial Facilities Limited Document : 02-020401S	CDMA800DUAL BAND FILTER			
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CDMA800-Dual Band Reject Filter

Product Code : PW-RF-02020401

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-02020401 is designed to be on CDMA 800Mhz Base Station/Repeater which only allow CDMA800 Frequency and reject away any GSM 900Mhz signal. This filter to be used The Filter offer low insertion Loss (Max 1.5dB) in desired CDMA band.

Product Advantages :

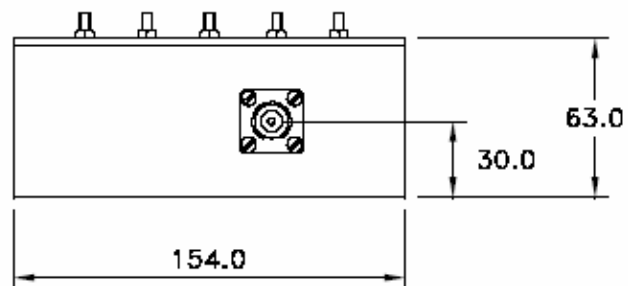
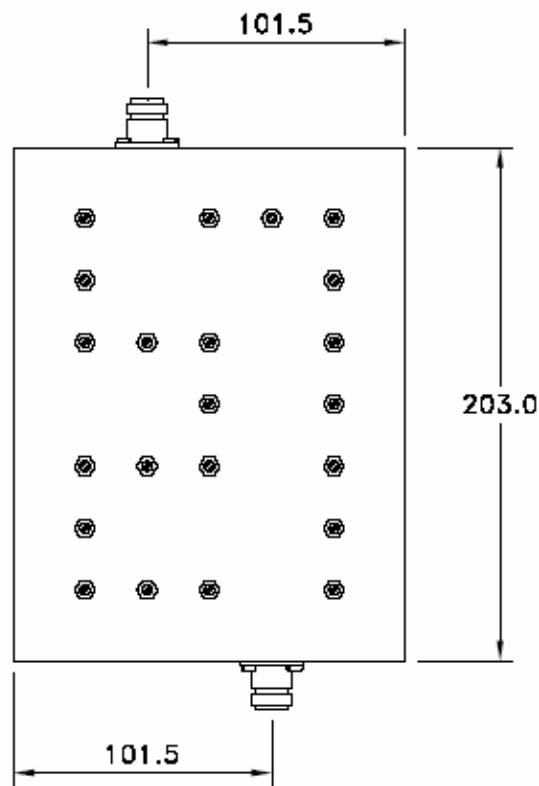
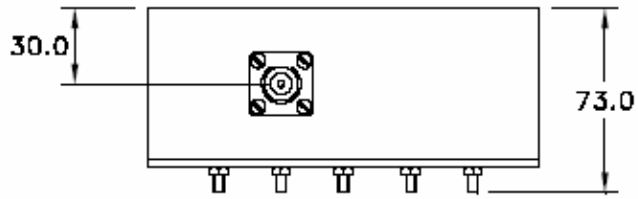
Compact, Integrated thus can replace existing Filter in the Repeater/BTS.
Reliable Technical Performance for Insertion Loss (max 1.5dB), Rejection (> 40dB), Return Loss (>20dB) and Power Handling (100Watt).

General Specifications:

<i>Electrical</i>	
Passband	825 to 845 MHz 870 to 889.5 MHz
Insertion Loss	< 0.5 dB (825 to 845 MHz) < 1.5 dB (870 to 889.5 MHz)
Return Loss	> 20 dB (at all ports)
Rejection	> 40 dB (892.6 to 960 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:

