



# MI-21501 CDMA Reject Filter



## MASS™

### Microdata Advanced Site Solutions

With our expertise in site system design we are able to provide a solution for any site sharing or upgrade scenario.

Our focus area is RF-filter based solutions including combiners, multi band TMAs, di-, tri- and quadruplexers.

Our product portfolio supports all frequencies for mobile communication bands ranging from 450 MHz to 6 GHz.

Site and network sharing makes it cost efficient to reach sparsely populated areas where new subscribers can contribute to revenue.

## MASS™

### Advantage

**Increases coverage**  
more traffic & higher ARPU

**Increases capacity**  
more traffic & higher ARPU

**Reduces the cost**  
of network expansion

**Minimizes**  
site acquisition issues

## Specifications

<b>GSM900</b>	
Frequency Band	880 - 930 MHz
Intermodulation, 2x43 dBm TX Carrier BTS port	-160 dBc
Rejection ≤ 878 MHz	>40 dB
<b>Uplink (RX) Path</b>	
Frequency Band	880 - 885 MHz
Insertion Loss	<1.5 dB, 880 - 882 MHz <0.65 dB, 882 - 885 MHz
Return Loss	18 dB
<b>Downlink (TX) Path</b>	
Frequency Band	925 - 930 MHz
Insertion Loss	0.35 dB
Return Loss	18 dB
Average Power Handling	200 W
<b>Power Supply and Alarm</b>	
Continuous Current Handling	No DC bypass
<b>Environmental</b>	
Operating Temperature Range °C	-20 to +65°C
Operation	ETS 300 019-1-4
Storage	ETS 300 019-1-1
Ingress Protection	IP67
<b>Miscellaneous</b>	
EMC	EN 301 489-8
Safety standards	EN 60950
MTBF	1.5 M hours
<b>Mechanical</b>	
Dimensions (WxHxD)	175 x 230 x 70
Connectors	7/16 (F)
Volume	2.8 l
Weight	3.9 kg
Colour	NCS 1502-R

## Block Diagram

