



MI-21801

CDMA Reject Filter FB

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

GSM900	
Frequency Band	890 - 960 MHz
Intermodulation, 2x43 dBm TX Carrier BTS port	-160 dBc
Rejection 887.5 MHz	40 dB
Uplink (RX) Path	
Frequency Band	890 - 915 MHz
Insertion Loss	max 1.5 dB, 890 - 892.5 MHz max 0.65 dB, 892.5 - 915 MHz, typ 0.4 dB
Return Loss	18 dB
Downlink (TX) Path	
Frequency Band	935 - 960 MHz
Insertion Loss	0.35 dB
Return Loss	18 dB
Average Power Handling	200 W
Power Supply and Alarm	
Continuous Current Handling	No DC bypass
Environmental	
Operating Temperature Range °C	-5 to +55°C
Operation	ETS 300 019-1-4
Storage	ETS 300 019-1-1
Ingress Protection	IP67
Miscellaneous	
EMC	EN 301 489-8
Safety standards	EN 60950
MTBF	1.5 M hours
Mechanical	
Dimensions (WxHxD)	155x216x70
Connectors	2x 7/16 (F)
Volume	2.4 l
Weight	3.5 kg (TBD)
Colour	NCS 1502-R

Block Diagram

