



MI-737nn

Dual 850 MHz Pass 900 MHz 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

850 passband	
Frequency Band	824 - 881 MHz
Insertion Loss 824-876 MHz	<0.5 dB
Insertion Loss 876-879 MHz	<1.0 dB
Insertion Loss 879-881 MHz	<1.5 dB
Return Loss	>18 dB
Rejection 885-960 MHz	>50 dB
Intermodulation, 2x43 dB TX Carrier BTS port	<-160 dBc
Average Power Handling	200 W
Power Supply and Alarm	
Continuous Current Handling	DC bypass
Environmental	
Operating Temperature Range °C	-40 to +55°C
Operation	ETS 300 019-1-4 Class 4.1E
Storage	ETS 300 019-1-1 Class 1.2
Ingress Protection	IP67
Miscellaneous	
EMC	EN 301 489-8
Safety standards	EN 60950
MTBF	1.5 M hours
Mechanical	
Dimensions (WxHxD)	190x160x62 mm 7.48x6.30x2.44 in
Connectors	See Selection Guide
Volume	1.8 l
Weight	3 kg
Colour	NCS 1502-R

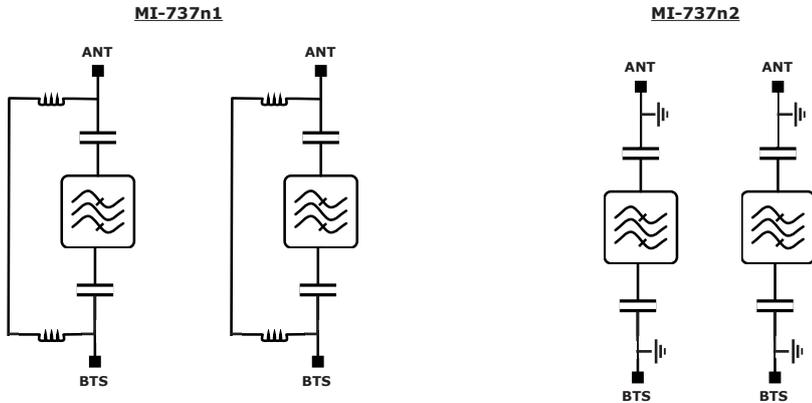
Selection Guide

Connectors (F)	
7/16	4.3-10
MI-7370n	MI-7373n

Block Diagram

DC/AISG

	850
MI-737n1	Pass
MI-737n2	Block



Mechanical Drawing

MI-73701

MI-73731

