



MI-20501

Diplexer

700 - 900/1800 - 2100

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

Low band	
Frequency Band	824 - 960 MHz
Insertion Loss	0.15 dB*
Return Loss	20 dB *
Rejection 1710 - 2170 MHz	50 dB
Continuous Average Power	400 W
Intermodulation, 2x43 dBm TX Carrier	-156 dBc
High band	
Frequency Band	1710 - 2170 MHz
Insertion Loss 1710 - 2170 MHz	0.2 dB *
Return Loss	20 dB *
Rejection Low Band	50 dB
Continuous Average Power	250 W
Intermodulation, 2x43 dBm TX Carrier	-156 dBc
Environmental	
Operating Temperature Range	-40 to +65°C
Operation	ETS 300 019-1-4
Storage	ETS 300 019-1-1
Ingress Protection	IP68
Electrical	
DC By Pass, all ports	3 A
DC block versions available	
Mechanical	
Dimensions (WxHxD)	140x160x35 mm
Connectors	7/16 female, long neck
Mounting	Single or dual packaging available
Weight	1.6 kg
* typical	

