



MI-20901 Duplexer AWS

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

Up Link (Rx)	
Frequency Band	1710 - 1770 MHz
Insertion Loss	<0.35 dB
Rejection 2110 - 2170 MHz	70 dB
Down Link (Tx)	
Frequency Band	2110 - 2170 MHz
Insertion Loss	<0.35 dB
Rejection 1710 - 1770 MHz	70 dB
All bands	
Return Loss	18 dB
Isolation Rx - Tx	75 dB
Continuous Average Power	200 W
Environmental	
Operating Temperature Range	-10 to +65°C
Operation	ETS 300 019-1-4
Storage	ETS 300 019-1-1
Ingress Protection	IP20
Mechanical	
Dimensions (WxHxD)	TBD
Connectors	Type N Female
Mounting	19" rack mount (optional)
Volume	TBD
Weight	TBD
Colour	Anodised aluminium (front)

