



MI-20504

Duplexer

700 MHz - Upper C-Band

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

Down Link (Tx)	
Frequency Band	746 - 757 MHz
Insertion Loss	0.6 dB typical, 0.75 dB max.
Rejection 776 - 787 MHz	70 dB
Up Link (Rx)	
Frequency Band	776 - 787 MHz
Insertion Loss UL	0.6 dB typical, 0.75 dB max.
Rejection 746 - 757 MHz	70 dB
All bands	
Return Loss	18 dB
Isolation Rx - Tx	75 dB
Continuous Average Power	50 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)	180x155x60 mm
Connectors	Type N Female
Mounting	19" rack mount
Volume	1.7 l
Weight	2.5 kg
Colour	Anodised aluminium (front)

