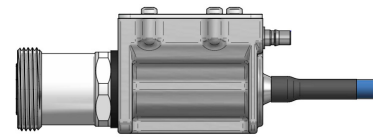




MI-31501

AISG and DC Extractor

Note
 The MI-315nn family of integrated SmartBiasT products, include:
 - **MI-31501**, AISG and DC extractor
 - **MI-31502**, Modem box



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

Electrical			
Frequency range	698 - 2690 MHz		
IL	< 0.2 dB 698-960 MHz	< 0.4 dB	1710-2690 MHz
RL	> 20 dB		
Max RF Power	500 W (57 dBm)		
DC current	1.6 A		
Voltage drop	1 V		
Intermodulation	-117 dBm @2x43 dBm		
Isolation ANT External to DC+ASIG	65 dB		
Insertion loss ASIG signal	< 1 dB		
Environmental			
Temperature	-40 °C - +65 °C		
Ingress Protection	IP 42		
Lightning Protection	10 kA 8/20 µs 3 kA 10/350 µs		
Mechanical			
Weight	0.4 kg		
Size (WxHxD)	According to Drawing		
Connectors	ANT external	ANT int	DC+AISG
MI-31501	7/16 F	open end	QMA F