



# MI-301nn CIN



The MI-301nn family of CIN products, include:  
 - MI-30111, CIN OD  
 - MI-30112, CIN OD reverse DC

## 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	0.1 dB		
RL	20 dB		
Max RF Power	500 W (57 dBm)		
DC current	1.6 A		
Voltage drop	1 V		
Intermodulation	-116 dBm @2x43 dBm		
Isolation RF - DC	65 dB		
Compliant with AISG type signalling	1 - 11 MHz		
Environmental			
Temperature	-40 °C - +65 °C		
Ingress Protection, Outdoor	IP 68		
Lightning Protection	10 kA 8/20 µs 3 kA 10/350 µs		
Mechanical			
Weight	0.3 kg		
Size (WxHxD)	88x38x47 mm		
Product numbers	BTS-Side	ANT-Side	DC
MI-30111 OD	7/16 M	7/16 F	SMA F
MI-30112 OD	7/16 F	7/16 M	SMA F

