MI-265nn
Diplexer 850/900

The MI-265nn family of cavity diplexer products, include:
- ***MI-265n1**, all ports DC grounded*
- ***MI-265n2**, diplexer with DC/AISG on Common – High & Low Band*
- ***MI-265n3**, diplexer with DC/AISG on Common - High Band, Low port DC grounded*
- ***MI-265n4**, diplexer with DC/AISG on Common - Low Band, High port DC grounded*

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

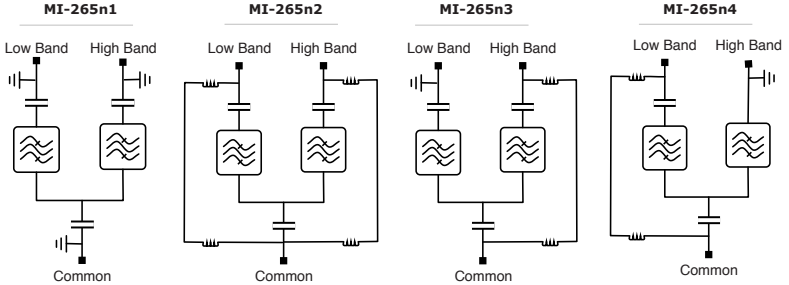
Low band	
Frequency Band	825 - 880 MHz
Insertion Loss	0.2 dB typ, 0.3 dB max.
Return Loss	>18 dB
Rejection 898.5- 960 MHz	>50 dB
Continuous Average Power	400 W
Intermodulation, 2x43 dBm TX Carrier	-116 dBm
High Band	
Frequency Band	898.5 - 960 MHz
Insertion Loss	0.2 dB typ, 0.3 dB max.
Return Loss	>18 dB
Rejection 825 - 880 MHz	>50 dB
Continuous Average Power	250 W
Intermodulation, 2x43 dBm TX Carrier	-116 dBm
Environmental	
Operating Temperature Range	-40 to +65°C
Operation	ETS 300 019-1-4
Storage	ETS 300 019-1-1
Ingress Protection	IP67
Electrical	
DC By Pass	3 A
AISG pass	Yes
Lightning Protection	3 kA 10/350 µs
Mechanical	
Dimensions (WxHxD)	187 x 159 x 69 mm
Connectors	7/16 long neck, Female
Mounting	Hose clamps or wall mount
Volume	2.0 l
Weight	3.5 kg
Colour	NCS 1502-R

* Typical

Values are subject to change without notice

Single mount	Dual mount
MI-26501	MI-26511
MI-26502	MI-26512
MI-26503	MI-26513
MI-26504	MI-26514

The dual filter configuration is mounted on a single bracket for hose clamp or wall mount.



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