

APPENDIX RDX400A-SPEC

High Power Diplexer

RDX400A

Electrical Specification

Parameter	Symbol	Typical	Units
Bandwidth	B1	100~400	MHz
	B2	440~900	MHz
Maximum working Load VSWR		4.0:1	
Insertion Loss	IL	1.2 @ B1	dB
	IL	1.2 @B2	dB
Input VSWR,	VSWR	2.0:1	
Output VSWR	VSWR	2.0:1	
Minimum Isolation Between Input port	ISO	20	dB
Power Handling Capability for each port	Pin	130	W
Connector Type		N-female	
Size (w/o Connector Extension)		100x90x25	mm
Peak Power Handling Capability	Pin	260	W
Operating case Temperature		-20~70	degree C
Storage Temperature		-40~90	degree C
Vibration Condition		TBD	

Ordering Information

Model	Grade	Mechanical	Remark
RDX400A		w/o Heat Sink	See Draw ings
RDX400AC		w Heat Sink	See Draw ings
RDX400xxx-3p	4 pole- design		
RDX400xxx-4p	3 pole -design		

Specifications subject to change without notice.

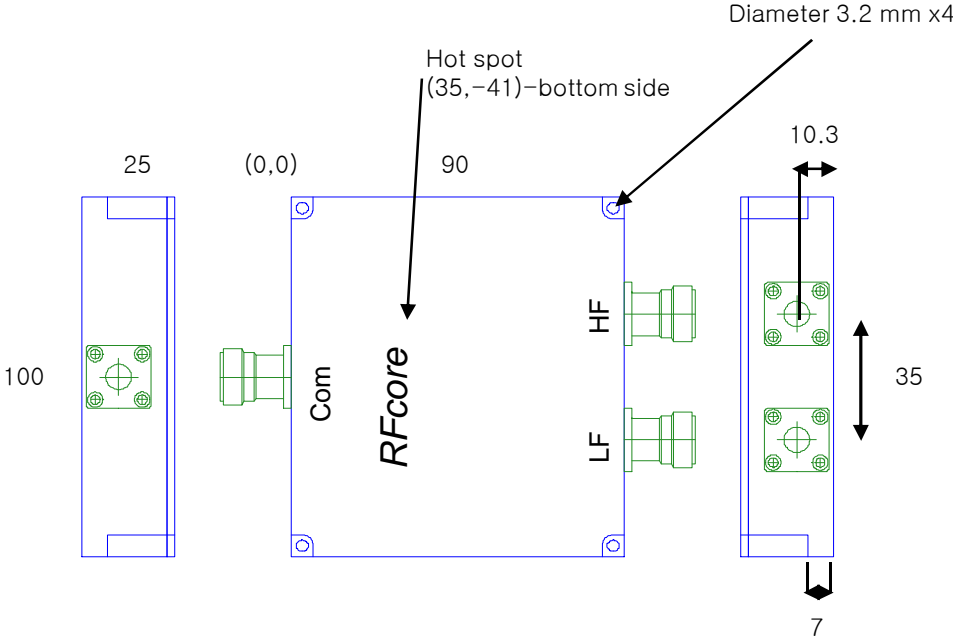
Customer Service: Tel. 82-31-708-7575

Email: kijeon@rfcore.com

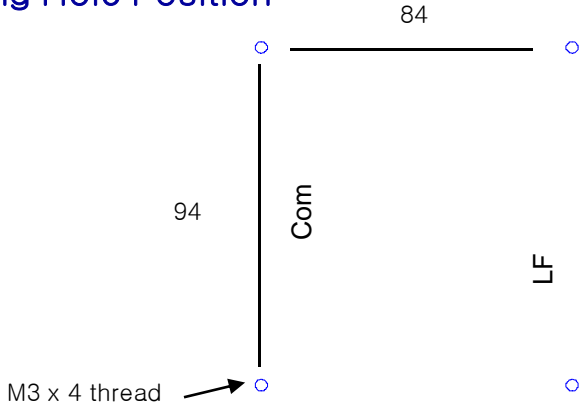
<http://www.rfcore.com>

RDX400A

Mechanical Dimensions



Mounting Hole Position



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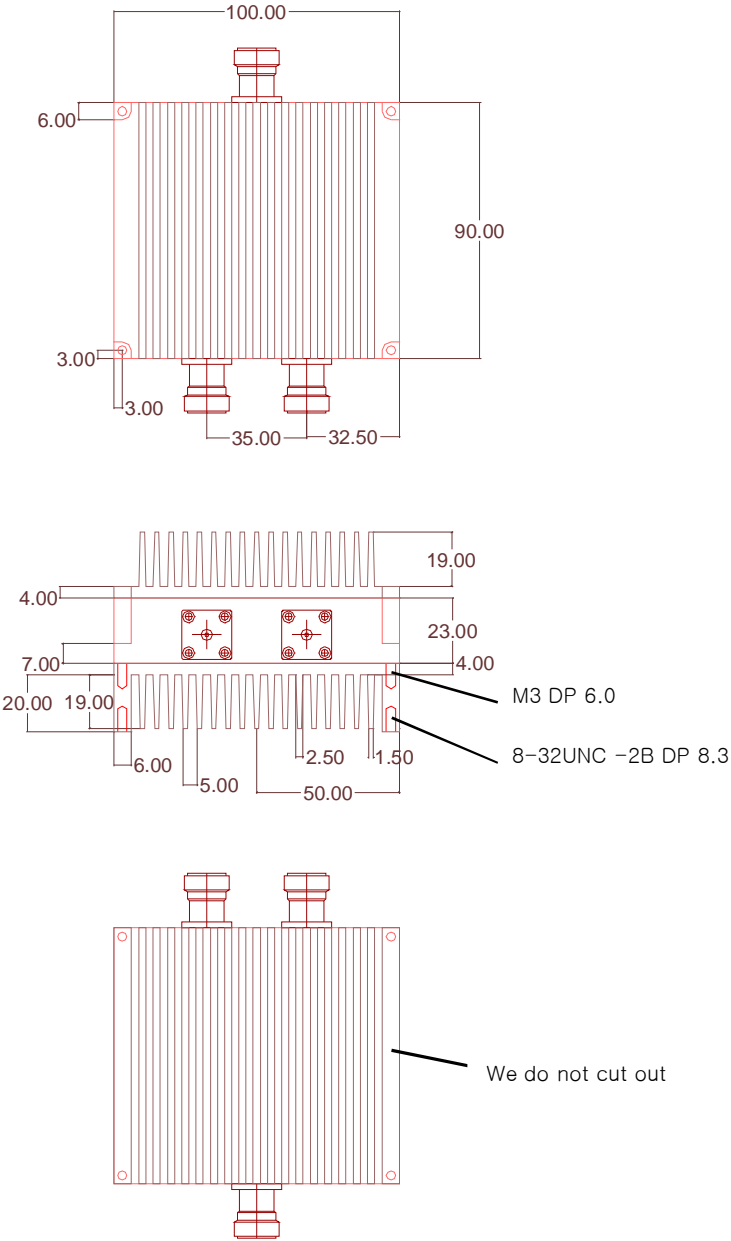
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Mechanical Dimensions II – Mounted with a heat sink.–Optional when ordered (RDX400AC)



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