

MAXNET®

RF Signal Management

Patented
U.S.# 6,842,348;
Cdn.# 2,404,844



5RU Standard RF Chassis
(front view)

Passive Products

Broadcast/Narrowcast Combiner:

Broadcast/Narrowcast Combiner (MNBCNC*) Specifications

SPECIFICATIONS			
MEASUREMENT	FREQUENCY	MNBCNCF QA (dB)	MNBCNCB QA (dB)
INSERTION LOSS & FLATNESS BC PORT	5-10 MHz	3.9 +/- 0.3	3.9 +/- 0.3
	10-50 MHz	3.8 +/- 0.3	3.8 +/- 0.3
	50-200 MHz	3.8 +/- 0.4	3.8 +/- 0.4
	200-550 MHz	3.9 +/- 0.5	3.9 +/- 0.5
	550-750 MHz	4.4 +/- 0.5	4.4 +/- 0.5
	750-860 MHz	4.6 +/- 0.5	4.6 +/- 0.5
	860-1000 MHz	4.8 +/- 0.6	4.8 +/- 0.6
INSERTION LOSS & FLATNESS NC PORTS	5-10 MHz	12.3 +/- 0.3	12.3 +/- 0.3
	10-50 MHz	12.3 +/- 0.3	12.3 +/- 0.3
	50-200 MHz	12.3 +/- 0.4	12.3 +/- 0.4
	200-550 MHz	12.8 +/- 0.6	13.0 +/- 0.5
	550-750 MHz	13.4 +/- 0.6	13.4 +/- 0.6
	750-860 MHz	14.2 +/- 0.7	13.8 +/- 0.7
	860-1000 MHz	14.8 +/- 0.8	14.2 +/- 0.8
TEST PORT LOSS & FLATNESS ⁽¹⁾	5-10 MHz	20.0 +/- 0.5	20.0 +/- 0.5
	10-50 MHz	20.0 +/- 0.5	20.0 +/- 0.5
	50-200 MHz	20.0 +/- 0.5	20.0 +/- 0.5
	200-550 MHz	20.0 +/- 0.5	20.0 +/- 0.5
	550-750 MHz	20.0 +/- 0.5	20.0 +/- 0.5
	750-860 MHz	20.0 +/- 0.7	20.0 +/- 0.7
	860-1000 MHz	20.0 +/- 1.0	20.0 +/- 1.0
NC-NC ISOLATION (Min) PORT-PORT	5-10 MHz	28	28
	10-50 MHz	28	28
	50-200 MHz	28	28
	200-550 MHz	28	28
	550-750 MHz	28	28
	750-860 MHz	28	28
	860-1000 MHz	28	28
BC-NC ISOLATION (Min) PORT-PORT	5-10 MHz	37	35
	10-50 MHz	40	37
	50-200 MHz	38	37
	200-550 MHz	37	37
	550-750 MHz	37	37
	750-860 MHz	37	37
	860-1000 MHz	37	37
COMMON PORT RETURN LOSS (Min)	5-10 MHz	18	18
	10-50 MHz	18	18
	50-200 MHz	18	18
	200-550 MHz	18	18
	550-750 MHz	18	18
	750-860 MHz	18	18
	860-1000 MHz	18	18
BC & NC PORT RETURN LOSS (Min)	5-10 MHz	18	18
	10-50 MHz	20	18
	50-200 MHz	20	18
	200-550 MHz	20	18
	550-750 MHz	18	18
	750-860 MHz	18	18
	860-1000 MHz	18	18
RFI (Min)	5-1000 MHz	100	100

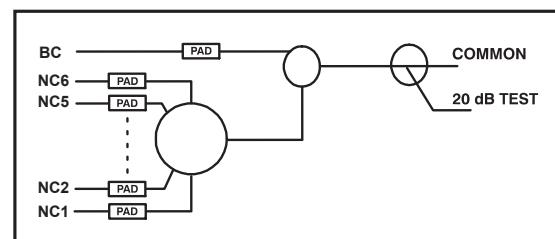
NOTE:
(1) Relative Loss with respect to NC Loss to COM.

*MNBCNC available with F or BNC connectors



MNBCNCF

Functional Schematic



Ordering Information

Part Number	Description
MNBCNCF	F Connectors
MNBCNCB	BNC Connectors

Specifications subject to change without notice.
MAXNET specifications are only valid when ATX
plug-in pads & EQs are used.



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