

MAXNET®

L-Band Signal Management

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



5RU Active L-Band Chassis
(front view)

Passive Products

Passive Modules:

Passive Module Specifications

SPECIFICATIONS											
MEASUREMENT	FREQUENCY	MN16LF / MN16LB		MN12LF / MN12LB		MN8LF / MN8LB		MN4LF / MN4LB		MN2-2LF / MN2-2LB	
		QA (dB)	TYP (dB)	QA (dB)	TYP (dB)	QA (dB)	TYP (dB)	QA (dB)	TYP (dB)	QA (dB)	TYP (dB)
INSERTION LOSS	950-1450 MHz	17.5	16.5	16.0	15.5	12.5	12.0	8.5	8.0	4.2	4.0
	1450-1750 MHz	18.0	17.5	17.0	16.5	13.5	12.5	9.0	8.5	4.5	4.2
	1750-2150 MHz	20.0	19.5	18.5	18.0	16.0	15.5	10.0	9.5	5.0	4.8
TEST PORT ⁽¹⁾	950-1450 MHz	20 +/- 2.0	20 +/- 1.5	20 +/- 1.0	20 +/- 0.8	20 +/- 1.0	20 +/- 0.8	20 +/- 1.0	20 +/- 0.8	N/A	N/A
	1450-1750 MHz	20 +/- 1.5	20 +/- 1.0	20 +/- 1.5	20 +/- 1.0	20 +/- 1.5	20 +/- 1.0	20 +/- 1.5	20 +/- 1.0	N/A	N/A
	1750-2150 MHz	20 +/- 1.5	20 +/- 1.0	20 +/- 1.5	20 +/- 1.0	20 +/- 1.5	20 +/- 1.0	20 +/- 1.5	20 +/- 1.0	N/A	N/A
ISOLATION (Min)	950-1450 MHz	18	20	18	20	18	20	20	22	20	22
	1450-1750 MHz	18	20	18	20	18	20	20	22	20	22
	1750-2150 MHz	18	20	18	20	18	20	20	22	18	20
INPUT RETURN LOSS (Min)	950-1450 MHz	12	14	11	13	10	12	13	15	16	18
	1450-1750 MHz	12	14	11	13	10	12	13	15	16	18
	1750-2150 MHz	12	14	11	13	10	12	13	15	16	18
OUTPUT RETURN LOSS (Min)	950-1450 MHz	16	18	16	18	16	18	16	18	18	20
	1450-1750 MHz	16	18	16	18	16	18	16	18	16	18
	1750-2150 MHz	14	16	14	16	14	16	14	16	16	18
RFI (Min)	950-2150 MHz	100	100	100	100	100	100	100	100	100	100
POWER PASSING	28V, 500mA, diode steered from any splitting port or rear input terminal block ⁽²⁾ to common										

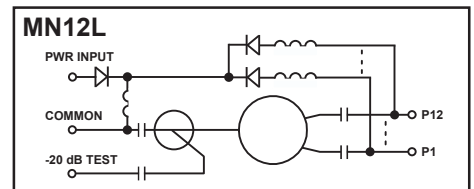
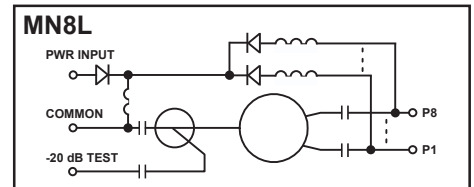


Splitter
(front & rear views)

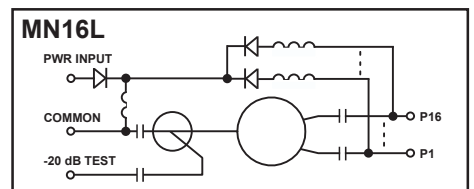
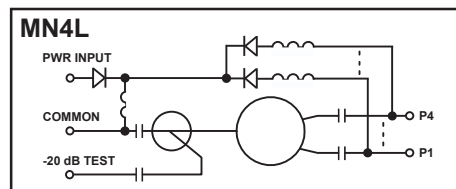
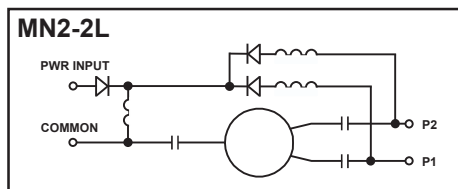
NOTES:
(1) Test port loss is measured from the common port.
(2) Rear Terminal Block Wire Gauge: AWG#18-24.

Ordering Information

Part Number	Description
MN16LF	16-Way L-Band Splitter with Auxiliary Power Input Port, F Connectors
MN12LF	12-Way L-Band Splitter with Auxiliary Power Input Port, F Connectors
MN8LF	8-Way L-Band Splitter with Auxiliary Power Input Port, F Connectors
MN4LF	4-Way L-Band Splitter with Auxiliary Power Input Port, F Connectors
MN2-2LF	Dual 2-Way L-Band Splitter with Auxiliary Power Input Ports, F Connectors
MN16LB	16-Way L-Band Splitter with Auxiliary Power Input Port, BNC Connectors
MN12LB	12-Way L-Band Splitter with Auxiliary Power Input Port, BNC Connectors
MN8LB	8-Way L-Band Splitter with Auxiliary Power Input Port, BNC Connectors
MN4LB	4-Way L-Band Splitter with Auxiliary Power Input Port, BNC Connectors
MN2-2LB	Dual 2-Way L-Band Splitter with Auxiliary Power Input Ports, BNC Connectors



Functional Schematics



Specifications subject to change without notice.



ISO
9001
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