

MAXNET®

Passive Modules Splitting/Combining Modules



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

5RU Standard RF Chassis
(front view)

D3.1/CCAP™
Compliant

Specifications Dual 2-way & Triple 2-way Modules

		MN2-2TSPF**		MN2-2TCPF**		MN2-3PF**	
MEASUREMENT	FREQUENCY	QA (dB)	TYP (dB)	QA (dB)	TYP (dB)	QA (dB)	TYP (dB)
INSERTION LOSS & FLATNESS	5-10 MHz	3.9 +/- 0.2	3.9 +/- 0.2	3.9 +/- 0.2	3.9 +/- 0.2	3.4 +/- 0.3	3.4 +/- 0.2
	10-50 MHz	3.8 +/- 0.3	3.8 +/- 0.3	3.8 +/- 0.3	3.8 +/- 0.3	3.4 +/- 0.3	3.4 +/- 0.2
	50-200 MHz	3.8 +/- 0.4	3.8 +/- 0.4	3.8 +/- 0.4	3.8 +/- 0.4	3.4 +/- 0.3	3.4 +/- 0.2
	200-550 MHz	3.9 +/- 0.5	3.9 +/- 0.5	3.9 +/- 0.5	3.9 +/- 0.5	3.5 +/- 0.3	3.5 +/- 0.2
	550-750 MHz	4.4 +/- 0.5	4.4 +/- 0.5	4.4 +/- 0.5	4.4 +/- 0.5	3.6 +/- 0.4	3.6 +/- 0.3
	750-860 MHz	4.6 +/- 0.5	4.6 +/- 0.5	4.6 +/- 0.5	4.6 +/- 0.5	3.7 +/- 0.4	3.7 +/- 0.3
	860-1000 MHz	4.8 +/- 0.6	4.8 +/- 0.6	4.8 +/- 0.6	4.8 +/- 0.6	3.9 +/- 0.5	3.9 +/- 0.3
TEST PORT LOSS & FLATNESS*	5-10 MHz	20 +/- 0.3	20 +/- 0.2	20 +/- 0.3	20 +/- 0.2		
	10-50 MHz	20 +/- 0.3	20 +/- 0.2	20 +/- 0.3	20 +/- 0.2		
	50-200 MHz	20 +/- 0.5	20 +/- 0.3	20 +/- 0.5	20 +/- 0.3		
	200-550 MHz	20 +/- 0.5	20 +/- 0.3	20 +/- 0.5	20 +/- 0.3		
	550-750 MHz	20 +/- 0.8	20 +/- 0.5	20 +/- 0.8	20 +/- 0.5		
	750-860 MHz	20 +/- 1	20 +/- 0.8	20 +/- 1	20 +/- 0.8		
	860-1000 MHz	20 +/- 1	20 +/- 0.8	20 +/- 1	20 +/- 0.8		
ISOLATION (Min)	5-10 MHz	26	28	26	28	24	26
	10-50 MHz	30	32	30	32	28	30
	50-200 MHz	30	32	30	32	32	34
	200-550 MHz	30	32	30	32	30	32
	550-750 MHz	30	32	30	32	30	32
	750-860 MHz	30	32	30	32	30	32
	860-1000 MHz	28	30	28	30	28	30
INPUT RETURN LOSS (Min)	5-10 MHz	20	21	20	21	20	22
	10-50 MHz	20	21	20	22	20	22
	50-200 MHz	20	22	20	22	20	22
	200-550 MHz	20	22	20	22	20	22
	550-750 MHz	20	22	20	22	20	22
	750-860 MHz	18	20	20	22	18	20
	860-1000 MHz	18	20	18	22	18	20



Triple 2-way
(front & rear views)



Dual 2-way
(front & rear views)

Specifications (cont'd)

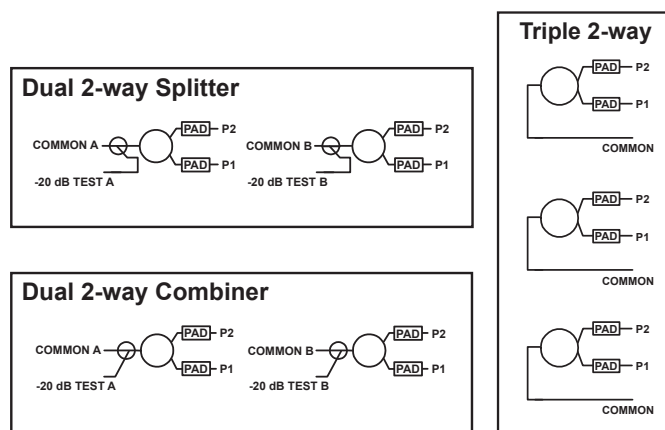
Dual 2-way & Triple 2-way Modules

MEASUREMENT	FREQUENCY	MN2-2TSPF**		MN2-2TCPF**		MN2-3PF**	
		QA (dB)	TYP (dB)	QA (dB)	TYP (dB)	QA (dB)	TYP (dB)
OUTPUT RETURN LOSS (Min)	5-10 MHz	20	21	20	21	20	22
	10-50 MHz	20	22	20	21	20	22
	50-200 MHz	20	22	20	22	20	22
	200-550 MHz	20	22	20	22	20	22
	550-750 MHz	20	22	20	22	20	22
	750-860 MHz	20	22	18	20	18	22
	860-1000 MHz	18	22	18	20	18	20
RFI (Min)	5-1000 MHz	100	110	100	110	100	110
OPERATING TEMPERATURE	0°C to +50°C (+32°F to +122°F)						
HUMIDITY	5-95% (without condensation)						
DIMENSIONS	8.45"H x 0.9"W x 3.25"D (21.46H x 2.3W x 8.25D cm)						
WEIGHT	1.32 lbs (0.6 kg)						

NOTE:

* Test port loss is measured from the common port.

** Device to device isolation > 85 dB.



Functional Schematics

Ordering Information

Part Number	Description
MN2-2TSPF	Dual 2-way Splitter: 20 dB Front Test Port, Pads, F Connectors
MN2-2TCPF	Dual 2-way Combiner: 20 dB Front Test Port, Pads, F Connectors
MN2-3PF	Three 2-way Splitter/Combiners in One Module; Pads, F Connectors

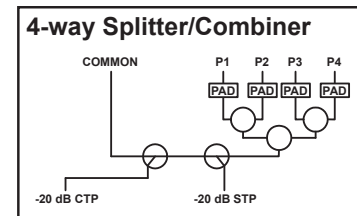
Specifications

4-way Splitter/Combiner Module

		MN4SCF
MEASUREMENT	FREQUENCY	QA (dB)
IL & FLATNESS	5-10 MHz	7.6 +/- 0.3
	10-50 MHz	7.3 +/- 0.3
	50-200 MHz	7.3 +/- 0.4
	200-550 MHz	7.8 +/- 0.5
	550-750 MHz	8.3 +/- 0.6
	750-860 MHz	8.5 +/- 0.7
	860-1000 MHz	9.2 +/- 0.8
STP LOSS ⁽¹⁾	5-10 MHz	20 +/- 0.3
	10-50 MHz	20 +/- 0.3
	50-200 MHz	20 +/- 0.5
	200-550 MHz	20 +/- 0.5
	550-750 MHz	20 +/- 0.6
	750-860 MHz	20 +/- 1
	860-1000 MHz	20 +/- 1
CTP LOSS ⁽¹⁾	5-10 MHz	20 +/- 0.3
	10-50 MHz	20 +/- 0.3
	50-200 MHz	20 +/- 0.5
	200-550 MHz	20 +/- 0.5
	550-750 MHz	20 +/- 0.6
	750-860 MHz	20 +/- 1
	860-1000 MHz	20 +/- 1
ISOLATION (Min)	5-10 MHz	28
	10-50 MHz	28
	50-200 MHz	28
	200-550 MHz	28
	550-750 MHz	28
	750-860 MHz	28
	860-1000 MHz	28
INPUT RETURN LOSS (Min)	5-10 MHz	16
	10-50 MHz	18
	50-200 MHz	20
	200-550 MHz	20
	550-750 MHz	20
	750-860 MHz	20
	860-1000 MHz	18
OUTPUT RETURN LOSS (Min)	5-10 MHz	20
	10-50 MHz	20
	50-200 MHz	20
	200-550 MHz	20
	550-750 MHz	20
	750-860 MHz	20
	860-1000 MHz	18
RFI (Min)	5-1000 MHz	100
OPERATING TEMPERATURE	0°C to +50°C (+32°F to +122°F)	
HUMIDITY	5-95% (without condensation)	
DIMENSIONS	8.45"H x 0.9"W x 3.25"D (21.46H x 2.3W x 8.25D cm)	
WEIGHT	1.32 lbs (0.6 kg)	

NOTE:

(1) Measured relative to common port.



Functional Schematic

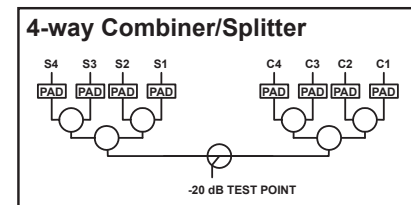
Ordering Information

Part Number	Description
MN4SCF	4-way Splitter/Combiner: 20 dB Front Test Port, Pads, F Connectors

Specifications

4-way Combiner/Splitter Module

		MN4CSF
MEASUREMENT	FREQUENCY	QA (dB)
IL & FLATNESS (Equalized) (Max)	5-10 MHz	16.5
	10-50 MHz	16.5
	50-200 MHz	16.5
	200-550 MHz	16.5
	550-750 MHz	16.5
	750-860 MHz	16.5
	860-1000 MHz	16.5
TEST POINT LOSS (Relative to Outputs) & FLATNESS	5-10 MHz	20 +/- 1
	10-50 MHz	20 +/- 1
	50-200 MHz	20 +/- 1
	200-550 MHz	20 +/- 1
	550-750 MHz	20 +/- 1
	750-860 MHz	20 +/- 1
	860-1000 MHz	20 +/- 1
ISOLATION (Min) PORT-TO-PORT	5-10 MHz	30
	10-50 MHz	30
	50-200 MHz	30
	200-550 MHz	30
	550-750 MHz	30
	750-860 MHz	30
	860-1000 MHz	30
IN/OUT PORT RETURN LOSS (Min)	5-10 MHz	20
	10-50 MHz	20
	50-200 MHz	20
	200-550 MHz	20
	550-750 MHz	20
	750-860 MHz	20
	860-1000 MHz	20
TEST PORT RETURN LOSS (Min)	5-10 MHz	16
	10-50 MHz	16
	50-200 MHz	16
	200-550 MHz	16
	550-750 MHz	16
	750-860 MHz	16
	860-1000 MHz	16
RFI (Min)	5-1000 MHz	110
OPERATING TEMPERATURE	0°C to +50°C (+32°F to +122°F)	
HUMIDITY	5-95% (without condensation)	
DIMENSIONS	8.45"H x 0.9"W x 3.25"D (21.46H x 2.3W x 8.25D cm)	
WEIGHT	1.32 lbs (0.6 kg)	



Functional Schematic

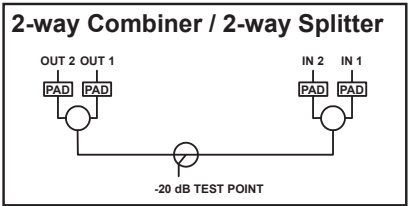
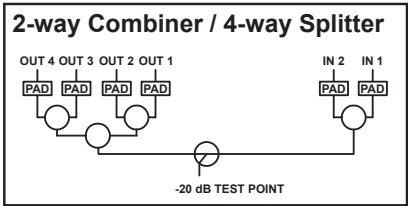
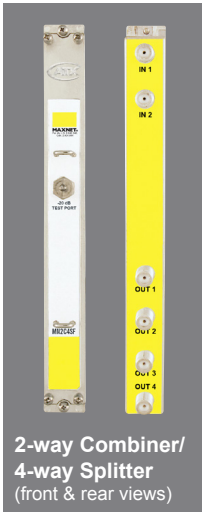
Ordering Information

Part Number	Description
MN4CSF	4x4 Service Group Combiner/Splitter, Test Point, Pads, F Connectors
MN4CSB	4x4 Service Group Combiner/Splitter, Test Point, Pads, BNC Connectors

Specifications

2-way Combiner/4-way Splitter &
2-way Combiner/2-way Splitter Modules

	MN2C4SF		MN2C2SF	
MEASUREMENT	FREQUENCY	QA (dB)	FREQUENCY	QA (dB)
IL & FLATNESS (Equalized) (Max)	5-1002 MHz	13 +/- 0.7	5-550 MHz	9.5 +/- 1
			550-1002 MHz	10 +/- 1
TEST POINT LOSS (Relative to Outputs) & FLATNESS	5-1002 MHz	20 +/- 1	5-1002 MHz	20 +/- 1
ISOLATION (Min) PORT-TO-PORT	5-1002 MHz	30	5-1002 MHz	30
IN/OUT PORT RETURN LOSS (Min)	5-1002 MHz	20	5-1002 MHz	20
TEST PORT RETURN LOSS (Min)	5-1002 MHz	16	5-1002 MHz	16
RFI (Min)	5-1002 MHz	110	5-1002 MHz	110
OPERATING TEMPERATURE	0°C to +50°C (+32°F to +122°F)			
HUMIDITY	5-95% (without condensation)			
DIMENSIONS	8.45"H x 0.9"W x 3.25"D (21.46H x 2.3W x 8.25D cm)			
WEIGHT	1.32 lbs (0.6 kg)			



Functional Schematics

Ordering Information

Part Number	Description
MN2C4SF	2x4 Service Group Combiner/Splitter, Test Point, Pads, F Connectors
MN2C2SF	2x2 Service Group Combiner/Splitter, Test Point, Pads, F Connectors

Specifications

4-way & Dual 4-way Modules (Splitters or Combiners)

		MN4TSPF		MN4TCPF		MN4-2TSPF**		MN4-2TCPF**	
MEASUREMENT	FREQUENCY	QA (dB)	TYP (dB)	QA (dB)	TYP (dB)	QA (dB)	TYP (dB)	QA (dB)	TYP (dB)
IL & FLATNESS	5-10 MHz	7.3 +/- 0.3	7.3 +/- 0.2	7.3 +/- 0.3	7.3 +/- 0.2	7.0 +/- 0.3	7.0 +/- 0.2	7.0 +/- 0.3	7.0 +/- 0.2
	10-50 MHz	7.0 +/- 0.3	7.0 +/- 0.2	7.0 +/- 0.3	7.0 +/- 0.2	7.0 +/- 0.3	7.0 +/- 0.2	7.0 +/- 0.3	7.0 +/- 0.2
	50-200 MHz	7.0 +/- 0.3	7.0 +/- 0.2	7.0 +/- 0.3	7.0 +/- 0.2	7.0 +/- 0.3	7.0 +/- 0.2	7.0 +/- 0.3	7.0 +/- 0.2
	200-550 MHz	7.4 +/- 0.5	7.4 +/- 0.3	7.4 +/- 0.5	7.4 +/- 0.3	7.4 +/- 0.5	7.4 +/- 0.4	7.4 +/- 0.5	7.4 +/- 0.3
	550-750 MHz	7.8 +/- 0.5	7.8 +/- 0.3	7.8 +/- 0.5	7.8 +/- 0.3	7.6 +/- 0.8	7.6 +/- 0.5	7.6 +/- 0.8	7.6 +/- 0.5
	750-860 MHz	8.0 +/- 0.6	8.0 +/- 0.4	8.0 +/- 0.6	8.0 +/- 0.4	7.8 +/- 0.8	7.8 +/- 0.5	7.8 +/- 0.8	7.8 +/- 0.5
	860-1000 MHz	8.6 +/- 0.8	8.6 +/- 0.5	8.6 +/- 0.8	8.6 +/- 0.5	8.4 +/- 1	8.4 +/- 0.5	8.4 +/- 1	8.4 +/- 0.5
TP LOSS & FLATNESS*	5-10 MHz	20 +/- 0.3	20 +/- 0.2	20 +/- 0.3	20 +/- 0.2	20 +/- 0.4	20 +/- 0.3	20 +/- 0.4	20 +/- 0.3
	10-50 MHz	20 +/- 0.3	20 +/- 0.2	20 +/- 0.3	20 +/- 0.2	20 +/- 0.4	20 +/- 0.3	20 +/- 0.4	20 +/- 0.3
	50-200 MHz	20 +/- 0.5	20 +/- 0.3	20 +/- 0.5	20 +/- 0.3	20 +/- 0.5	20 +/- 0.3	20 +/- 0.5	20 +/- 0.3
	200-550 MHz	20 +/- 0.5	20 +/- 0.3	20 +/- 0.5	20 +/- 0.3	20 +/- 0.5	20 +/- 0.3	20 +/- 0.5	20 +/- 0.3
	550-750 MHz	20 +/- 0.8	20 +/- 0.5	20 +/- 0.8	20 +/- 0.5	20 +/- 0.8	20 +/- 0.5	20 +/- 0.8	20 +/- 0.5
	750-860 MHz	20 +/- 0.1	20 +/- 0.8	20 +/- 1	20 +/- 0.8	20 +/- 1	20 +/- 0.8	20 +/- 1	20 +/- 0.8
	860-1000 MHz	20 +/- 0.1	20 +/- 0.8	20 +/- 1	20 +/- 0.8	20 +/- 1	20 +/- 0.8	20 +/- 1	20 +/- 0.8
ISOLATION (Min)	5-10 MHz	22	25	22	25	22	25	22	25
	10-50 MHz	30	35	30	35	30	35	30	35
	50-200 MHz	30	35	30	35	30	35	30	35
	200-550 MHz	30	32	30	32	30	32	30	32
	550-750 MHz	30	30	30	30	30	30	30	30
	750-860 MHz	28	30	28	30	28	30	28	30
	860-1000 MHz	28	30	28	30	28	30	28	30
COMMON PORT RETURN LOSS (Min)	5-10 MHz	17	18	18	20	17	18	18	20
	10-50 MHz	17	18	20	22	17	18	20	22
	50-200 MHz	19	20	20	22	19	20	20	22
	200-550 MHz	20	22	20	22	20	22	20	22
	550-750 MHz	20	22	20	22	20	22	20	22
	750-860 MHz	18	20	20	20	18	20	20	20
	860-1000 MHz	18	20	18	20	18	20	18	20
PORT 1-4 RETURN LOSS (Min)	5-10 MHz	18	20	18	20	18	20	18	20
	10-50 MHz	20	22	19	20	20	22	19	20
	50-200 MHz	20	22	20	22	20	22	20	22
	200-550 MHz	20	22	20	22	20	22	20	22
	550-750 MHz	20	22	20	22	20	22	20	22
	750-860 MHz	20	20	18	20	20	20	18	20
	860-1000 MHz	18	20	18	20	18	20	18	20
RFI (Min)	5-1000 MHz	100	110	100	110	100	110	100	110
OPERATING TEMPERATURE	0°C to +50°C (+32°F to +122°F)								
HUMIDITY	5-95% (without condensation)								
DIMENSIONS	8.45"H x 0.9"W x 3.25"D (21.46H x 2.3W x 8.25D cm)								
WEIGHT	1.32 lbs (0.6 kg)								

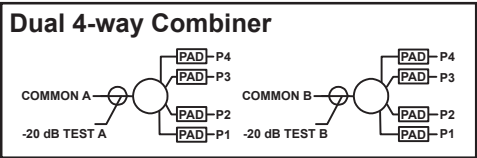
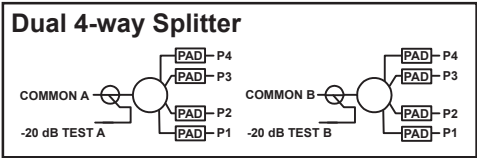
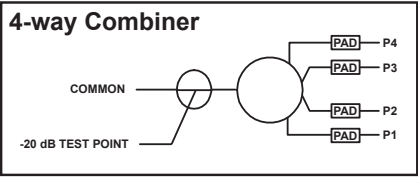
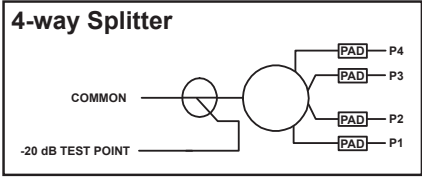
NOTES:

* Test port loss is measured from the common port.

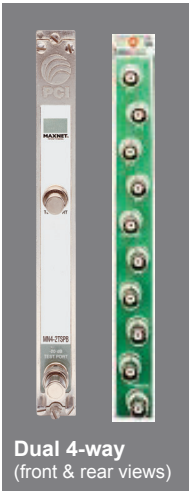
** Device to device isolation > 85 dB.

Ordering Information

Part Number	Description
MN4TSPF	4-way Splitter: 20 dB Front Test Port, Pads, F Connectors
MN4TCPF	4-way Combiner: 20 dB Front Test Port, Pads, F Connectors
MN4-2TSPF	2x 4-way Splitters in One Module: 2x 20 dB Front Test Ports, Pads, F Connectors
MN4-2TCPF	2x 4-way Combiners in One Module: 2x 20 dB Front Test Ports, Pads, F Connectors



Functional Schematics



Specifications

8-way Module

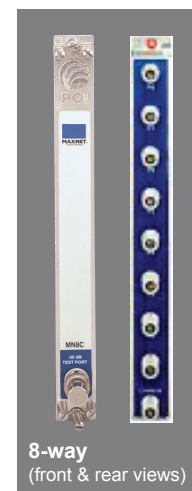
		MN8TSPF-E		MN8TCPF-E	
MEASUREMENT	FREQUENCY	QA (dB)	TYP (dB)	QA (dB)	TYP (dB)
INSERTION LOSS & FLATNESS	5-10 MHz	12.2 +/- 0.4	12.2 +/- 0.2	12.2 +/- 0.4	12.2 +/- 0.2
	10-50 MHz	12.2 +/- 0.3	12.2 +/- 0.2	12.2 +/- 0.3	12.2 +/- 0.2
	50-200 MHz	12.2 +/- 0.5	12.2 +/- 0.3	12.2 +/- 0.5	12.2 +/- 0.3
	200-550 MHz	12.2 +/- 0.7	12.2 +/- 0.3	12.2 +/- 0.7	12.2 +/- 0.3
	550-750 MHz	12.2 +/- 0.7	12.2 +/- 0.5	12.2 +/- 0.7	12.2 +/- 0.5
	750-860 MHz	12.2 +/- 1	12.2 +/- 0.5	12.2 +/- 1	12.2 +/- 0.5
	860-1000 MHz	12.2 +/- 1.5	12.2 +/- 0.8	12.2 +/- 1.5	12.2 +/- 0.8
TEST PORT LOSS & FLATNESS*	5-10 MHz	20 +/- 0.3	20 +/- 0.2	20 +/- 0.3	20 +/- 0.2
	10-50 MHz	20 +/- 0.3	20 +/- 0.2	20 +/- 0.3	20 +/- 0.2
	50-200 MHz	20 +/- 0.5	20 +/- 0.3	20 +/- 0.5	20 +/- 0.3
	200-550 MHz	20 +/- 0.5	20 +/- 0.3	20 +/- 0.5	20 +/- 0.3
	550-750 MHz	20 +/- 0.8	20 +/- 0.5	20 +/- 0.8	20 +/- 0.5
	750-860 MHz	20 +/- 1	20 +/- 0.8	20 +/- 1	20 +/- 0.8
	860-1000 MHz	20 +/- 1	20 +/- 0.8	20 +/- 1	20 +/- 0.8
ISOLATION (Min)	5-10 MHz	26	28	26	28
	10-50 MHz	30	35	30	35
	50-200 MHz	30	32	30	32
	200-550 MHz	30	32	30	32
	550-750 MHz	30	32	30	32
	750-860 MHz	28	30	28	30
	860-1000 MHz	28	30	28	30
COMMON PORT RETURN LOSS (Min)	5-10 MHz	18	20	18	20
	10-50 MHz	18	20	18	20
	50-200 MHz	18	20	18	20
	200-550 MHz	18	20	18	20
	550-750 MHz	17	18	17	18
	750-860 MHz	17	18	17	18
	860-1000 MHz	17	18	17	18
PORT 1-8 RETURN LOSS (Min)	5-10 MHz	17	18	17	18
	10-50 MHz	20	22	20	22
	50-200 MHz	20	22	20	22
	200-550 MHz	20	22	20	22
	550-750 MHz	20	22	20	22
	750-860 MHz	20	21	20	21
	860-1000 MHz	18	21	18	21
RFI (Min)	5-1000 MHz	100	110	100	110
OPERATING TEMPERATURE	0°C to +50°C (+32°F to +122°F)				
HUMIDITY	5-95% (without condensation)				
DIMENSIONS	8.45"H x 0.9"W x 3.25"D (21.46H x 2.3W x 8.25D cm)				
WEIGHT	1.32 lbs (0.6 kg)				

NOTE:

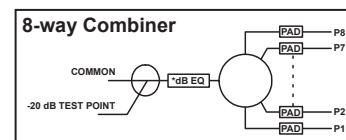
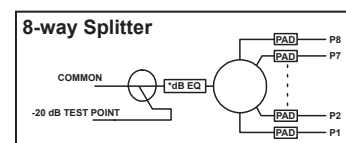
* Test port loss is measured from the common port.

Ordering Information

Part Number	Description
MN8TSPF-E	8-way Splitter: 20 dB Front Test Port, Pads, F Connectors, 1 dB Plug-in EQ
MN8TCPF-E	8-way Combiner: 20 dB Front Test Port, Pads, F Connectors, 1 dB Plug-in EQ
MN8TCPF-E-HI	8-way Combiner: 20 dB Front Test Port, 8 dB Pads, F Connectors, 2 dB EQ



8-way
(front & rear views)



Functional Schematics

* = EQ dB value (1 or 2 dB)

Specifications

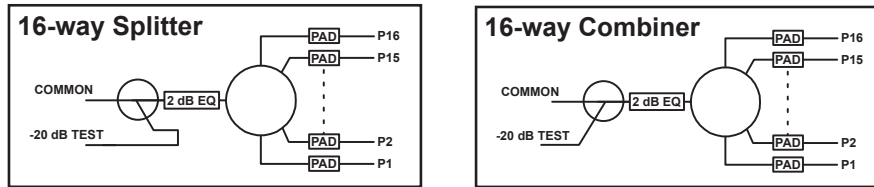
16-way Module

MEASUREMENT	FREQUENCY	MN16TSPF-E		MN16TCPF-E	
		QA (dB)	TYP (dB)	QA (dB)	TYP (dB)
INSERTION LOSS & FLATNESS	5-10 MHz	16.4 +/- 0.4	16.4 +/- 0.3	16.4 +/- 0.4	16.4 +/- 0.3
	10-50 MHz	16.4 +/- 0.4	16.4 +/- 0.3	16.4 +/- 0.4	16.4 +/- 0.3
	50-200 MHz	16.4 +/- 0.6	16.4 +/- 0.5	16.4 +/- 0.6	16.4 +/- 0.5
	200-550 MHz	16.4 +/- 0.6	16.4 +/- 0.5	16.4 +/- 0.6	16.4 +/- 0.5
	550-750 MHz	16.4 +/- 0.6	16.4 +/- 0.5	16.4 +/- 0.6	16.4 +/- 0.5
	750-860 MHz	16.4 +/- 0.8	16.4 +/- 0.6	16.4 +/- 0.8	16.4 +/- 0.6
	860-1000 MHz	16.4 +/- 1	16.4 +/- 0.8	16.4 +/- 1	16.4 +/- 0.8
TEST PORT LOSS & FLATNESS*	5-10 MHz	20 +/- 0.3	20 +/- 0.2	20 +/- 0.3	20 +/- 0.2
	10-50 MHz	20 +/- 0.3	20 +/- 0.2	20 +/- 0.3	20 +/- 0.2
	50-200 MHz	20 +/- 0.5	20 +/- 0.3	20 +/- 0.5	20 +/- 0.3
	200-550 MHz	20 +/- 0.5	20 +/- 0.3	20 +/- 0.5	20 +/- 0.3
	550-750 MHz	20 +/- 1	20 +/- 0.8	20 +/- 1	20 +/- 0.8
	750-860 MHz	20 +/- 1	20 +/- 0.8	20 +/- 1	20 +/- 0.8
	860-1000 MHz	20 +/- 1	20 +/- 0.8	20 +/- 1	20 +/- 0.8
ISOLATION (Min)	5-10 MHz	26	28	26	28
	10-50 MHz	28	32	28	32
	50-200 MHz	30	32	30	32
	200-550 MHz	30	32	30	32
	550-750 MHz	30	32	30	32
	750-860 MHz	30	32	30	32
	860-1000 MHz	28	30	28	30
COMMON PORT RETURN LOSS (Min)	5-10 MHz	20	22	20	22
	10-50 MHz	20	22	20	22
	50-200 MHz	18	19	18	19
	200-550 MHz	18	19	18	19
	550-750 MHz	18	19	18	19
	750-860 MHz	18	19	18	19
	860-1000 MHz	18	19	18	19
PORT 1-16 RETURN LOSS (Min)	5-10 MHz	18	19	18	19
	10-50 MHz	20	22	20	22
	50-200 MHz	20	22	20	22
	200-550 MHz	20	22	20	22
	550-750 MHz	20	22	20	22
	750-860 MHz	20	22	20	22
	860-1000 MHz	18	21	18	21
RFI (Min)	5-1000 MHz	100	110	100	110
OPERATING TEMPERATURE	0°C to +50°C (+32°F to +122°F)				
HUMIDITY	5-95% (without condensation)				
DIMENSIONS	8.45"H x 1.7"W x 3.25"D (21.46H x 4.32W x 8.25D cm)				
WEIGHT	1.85 lbs (0.84 kg)				

NOTE:

* Test port loss is measured from the common port.





Functional Schematics

Ordering Information

Part Number	Description
MN16TSPF-E	16-way Splitter: 20 dB Front Test Port, Pads, F Connectors, 2 dB Plug-in EQ
MN16TCPF-E	16-way Combiner: 20 dB Front Test Port, Pads, F Connectors, 2 dB Plug-in EQ

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For Plug-in Pad and EQ specifications and ordering information, see RF Passive Plug-in Pad & EQs data sheet. MAXNET specifications are only valid when ATX plug-in pads and EQs are used.



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Rev. 10/19 (ANW0662)

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