

MAXNET®

RF Signal Management

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



5RU Standard RF Chassis
(front view)

Passive Products

RF Filters:

Various high performance RF filters are available in MAXNET® housings. These include:

- ▶ General Bandpass
- ▶ Wide Bandpass
- ▶ Band Rejection
- ▶ Lowpass
- ▶ Highpass
- ▶ High Performance Diplex Filter Network

See corresponding PCI Filters® specification sheets for details.

RF Filters Specifications



MN9655F / MN2-9655F

SPECIFICATIONS		MN9655* / MN2-9655*
LOWPASS	FREQUENCY	SPEC
FLATNESS		+/- 0.25 dB
INSERTION LOSS (Max)	5-42 MHz	1.25 dB
RETURN LOSS (Min)		20 dB
REJECTION (Min)	54-750 MHz	45 dB
	750-1000 MHz	35 dB
GROUP DELAY (Max)	T-12	15nS
HIGHPASS		
FLATNESS		+/- 0.25 dB
INSERTION LOSS (Max)	54-1000 MHz	1.25 dB
RETURN LOSS (Min)		18 dB
REJECTION (Min)	5-42 MHz	45 dB
GROUP DELAY (Max)	CH-2	15nS
OTHER		
IMPEDANCE		75 Ω
OPERATING TEMPERATURE		0°C to +50°C (+32°F to +122°F)
HUMIDITY		5-95% (without condensation)
DIMENSIONS		8.5"H x 0.9"W x 2.25"D (21.6H x 2.3W x 5.7D cm)
WEIGHT (MN9655*)		0.49 lbs (0.22 kg)
WEIGHT (MN2-9655*)		0.88 lbs (0.4 kg)
NOTE:		
* F = F connector, B = BNC connector		

Ordering Information

Part Number	Description
MN8720F	General Bandpass Filter in One Module, F Connectors
MN2-8720F	2 General Bandpass Filters in One Module, F Connectors
MN8740F	Wide Bandpass Filter in One Module, F Connectors
MN2-8740F	2 Wide Bandpass Filters in One Module, F Connectors
MN8745F	Band Rejection Filter in One Module, F Connectors
MN2-8745F	2 Band Rejection Filters in One Module, F Connectors
MN8750F	Lowpass Filter in One Module, F Connectors
MN2-8750F	2 Lowpass Filters in One Module, F Connectors
MN8760F	Highpass Filter in One Module, F Connectors
MN2-8760F	2 Highpass Filters in One Module, F Connectors
MN-8750+8760	Lowpass Filter in Series with Highpass Filter in One Module, F Connectors
MN9655F	Diplex Filter in One Module, F Connectors
MN2-9655F	2 Diplex Filters in One Module, F Connectors
MN2-VLP4.2	Dual Video Lowpass Filter, F Connectors
MNVLP4.2	Single Video Lowpass Filter, F Connectors
NOTE:	
BNC connectors also available for all filters.	

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Specifications subject to change without notice.



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