

MAXNET®

Filters 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® data sheets for details.

Specifications

RF Filters

		MN9655* / MN2-9655*
LOWPASS	FREQUENCY	SPEC
FLATNESS	5-42 MHz	+/- 0.25 dB
INSERTION LOSS (Max)	5-42 MHz	1.25 dB
RETURN LOSS (Min)	5-42 MHz	20 dB
REJECTION (Min)	54-750 MHz	45 dB
	750-1000 MHz	35 dB
GROUP DELAY (Max)	T-12	15nS
HIGHPASS		
FLATNESS	54-1000 MHz	+/- 0.25 dB
INSERTION LOSS (Max)	54-1000 MHz	1.25 dB
RETURN LOSS (Min)	54-1000 MHz	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



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

5RU Standard RF Chassis
(front view)

D3.1/CCAP™
Compliant



MN9655F / MN2-9655F

Ordering Information

Part Number	Description
MN8720F	General Bandpass Filter in One Module, F Connectors
MN2-8720F	Two General Bandpass Filters in One Module, F Connectors
MN8740F	Wide Bandpass Filter in One Module, F Connectors
MN2-8740F	Two Wide Bandpass Filters in One Module, F Connectors
MN8745F	Band Rejection Filter in One Module, F Connectors
MN2-8745F	Two Band Rejection Filters in One Module, F Connectors
MN8750F	Lowpass Filter in One Module, F Connectors
MN2-8750F	Two Lowpass Filters in One Module, F Connectors
MN8760F	Highpass Filter in One Module, F Connectors
MN2-8760F	Two 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	Two 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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ATX Networks

1-501 Clements Road West, Ajax, ON L1S 7H4 Canada
 Tel: 905.428.6068 | Toll Free: 800.565.7488 | support@atxnetworks.com