NETCOM
Model 2036

Features

Netcom's 2036 is a three section, lowpass, passive, LC filter module.   The filter was designed to meet Military standards for test methods and Industry ANSI standards for dimensioning and tolerancing. The lowpass cutoff frequencies (at 0.6 dB Max) for each of the three sections are 30.0 MHz, 43.0 MHz, and 61.5 MHz.

FILTER	CHARACTERISTIC		LIMITS
	Insertion Loss	-55°C to +75°C	0.6 dB Max.
	Lowpass cutoff frequency (fc)		30.0 MHz
FILTER 1	Bandpass attenuation (30 - 43.0 MHz)		0.6 dB Max.
(Low)	Input return loss (30 - 43.0 MHz)		16.54 dB Min.
	Output retrun loss (30 - 43.0 MHz)		16.54 dB Min.
	Band stop attenuation:	60 - 300 MHz 300 - 540 MHz 540 - 1000 MHz	- 50 dB - 40 dB - 20 dB
	Insertion Loss	-55°C to +75°C	0.6 dB Max.
	Lowpass cutoff frequency (fc)		43.0 MHz
FILTER 2	Bandpass attenuation (43.0 - 61.5 MHz)		0.6 dB Max.
(Mid)	Input return loss (43.0 - 61.5 MHz)		16.54 dB Min.
	Output retrun loss (43.0 - 61.5 MHz)		16.54 dB Min.
	Band stop attenuation:	86 - 400 MHz 40 - 700 MHz 700 - 1000 MHz	- 50 dB - 45 dB - 17 dB
	Insertion Loss	-55°C to +75°C	0.6 dB Max.
	Lowpass cutoff frequency (fc)		61.5 MHz
FILTER 3	Bandpass attenuation (61.5 - 88 MHz)		0.6 dB Max.
(High)	Input return loss (61.5 - 88 MHz)		16.54 dB Min.
	Output retrun loss (61.5 - 88 MHz)		16.54 dB Min.
	Band stop attenuation:	123 - 400 MHz 400 - 1000 MHz	- 50 dB - 30 dB

* Input CW Power = 8 Watts to each filter
* Filter Impedence = 50 ohms