

# MF 420 2CF- EMP SERIES

## Features

Two Line Filter  
EMP Protection  
High Insertion loss upto 18 GHz  
Rated Current Upto 2500A  
High Surge Current handling Capability  
Low response time  
Over load capability

## Technical Specification

Maximum Operating Voltage: 250 +/-10%  
AC, 1 Phase  
Operating Frequency: 50/60Hz  
Rated Current: Upto 2500 A  
Insertion Loss: 80 dB from 100 kHz to 18  
GHz  
EMP Standard: MIL STD 188-125-1/2  
High Potential test voltage:  
L to G 2120VDC FOR 250V  
L to L 1414VDC FOR 250V  
Overload Capability: 6 x Rated current for  
8sec  
Temperature Range :-40 °C to 70 °c  
Surge Rating: 80 kA, 8/20 µs  
Discharge Resistance: 1.5 MΩ  
Transient Attenuation: 1.5kV peak at 5kA,  
8/20µs  
Response Time: < 20ns



## Application

MRI Rooms  
Shielded Chambers  
Military Vehicles  
Radars  
Military Applications

## Presentation

CRCA With Paint/SS With Paint

## Mounting

Designed for mounting on the Penetration panel or Directly on the non painted wall  
\* Fixed with screws  
\*Feed through nozzle supplied with filter is used to ensure high frequency performance.

## Termination

Nut and Bolt/ MIL Connectors/Wire/ Bus Bar

## Maximum Torque Value

M5: 2 Nm  
M6: 2.5 Nm  
M8: 10 Nm  
M10: 15 Nm  
M40: 40 Nm

## How to Order

### MF 420 2CF EMP- XXX

XXX- Current Rating

\*\* For Customised filter Contact our sales department