



94 JACKSON ROAD, SUITE 110, DEVENS, MA 01434

## Lowpass Filters

Model RMFI.10000 series

Features:

- *Bi-directional*
- *Tchebycheff approach*
- *Compact dimensions*
- *N or SMA Connectors*

### SPECIFICATIONS

| Model Number  | Frequency (MHz) | Rejection (dB) | VSWR (max) | Insertion Loss (dB max) | Length (mm) | Directivity |
|---------------|-----------------|----------------|------------|-------------------------|-------------|-------------|
| RMFI.2500Sfm  | DC - 2500       | >60            | 1.30 : 1   | 0.25                    | 58          | 25dB @10GHz |
| RMFI.10000Sfm | DC - 10000      | >60            | 1.35 : 1   | 0.3                     | 62          | 60dB @15GHz |
| RMFI.18000Sfm | DC - 18000      | >70            | 1.6 : 1    | 0.3                     | 41          | 70dB @24GHz |

#### Notes:

- Input and output impedance: 50 Ohms
- Connector: SMA male/female (Type N available on request)
- Output Power:  $\leq 1$  W
- Operation temperature: -45C to +85C deg



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