

EM-7507, EM-7508 and EM-7509 |

Notch Rejection Filters



Description

The Electro-Metrics EM-7507, EM-7508 and EM-7509 Notch Rejection Filters enhance the performance of any 50 ohm measuring instrument by eliminating the 50 Hz, 60 Hz and 400 Hz power line frequencies.

The EM-7507 eliminates 50 Hz frequencies, the EM-7508 eliminates 60 Hz frequencies, while the EM-7509 eliminates 400 Hz frequencies. This prevents spurious responses frequently encountered in field intensity meters when testing to MIL-STD-461 plus other government, federal, and international standards.

Note: EM-7507, EM-7508 and EM-7509 Notch Rejection Filters may be purchased separately.

Specifications

Electrical

EM-7507 Notch Rejection Filter

Notch Frequency: Equals 50 Hz
Rejection: 40 dB minimum @ 50 Hz
Notch Width: Less than 20 Hz @ 20 dB down
Input Levels: 10 VRMS (typical), 20 VRMS (max)

EM-7508 Notch Rejection Filter

Notch Frequency: Equals 60 Hz
Rejection: 35 dB minimum @ 60 Hz
Notch Width: Less than 20 Hz @ 20 dB down
Input Levels: 10 VRMS (typical), 20 VRMS (max)

EM-7509 Notch Rejection Filter

Notch Frequency: Equals 400 Hz
Rejection: 45 dB minimum @ 400 Hz
Notch Width: Less than 180 Hz @ 20 dB down
Input Levels: 10 VRMS (typical), 20 VRMS (max)

Ref: 100420

Specifications subject to change without notice.
Unless otherwise specified, product is manufactured in
Johnstown, NY USA.