



## Key Features

- **Simple Installation** – Drill one circular hole, insert the filter and tighten the flange nut; no extra holes, hardware or complex cut-outs.
- **Fits Any Wall Thickness** – Interchangeable penetrations allow on-site changes to pipe length in minutes to fit any wall thickness or shield construction (sheet metal, modular panels, acoustical panels, poured concrete, etc.).

## Description

ACTIV™ and Pasif™ EMI Filters incorporate a Universal Mounting System (UMS) with a threaded hub on the filter output that mates to an interchangeable threaded penetration pipe. Penetration pipes, offered in multiple lengths, screw directly onto the hub, enabling easy installation through shield walls of any material and

thickness. All that's required is a single hole in the wall plus a gasket and flange nut to secure the filter with an RF-tight seal. Swapping penetration pipes is as simple as loosening the pipe with a wrench and threading on another; the filter body, nut, gasket and hole in the shield wall are all reused.

## Mechanical Specifications

Mounting-hub thread:

- 1-20 UNEF-2A external (filter body)
- 1-20 UNEF-2B internal (penetration pipe)

Penetration pipe:

- 1.315" diameter (use 1<sup>3</sup>/<sub>8</sub>" hole saw)
- 1" NPS thread

Penetration pipe material & finish:

- Aluminum 6061-T6, electroless-nickel plated

Standard penetration pipe lengths

- 1", 3", 9", 12"
- 25.4, 76.2, 228.6, 304.8 mm
- Custom lengths available on request

