

# Evanescent Field Filter

## Digital Twin Specification

|                      |                         |
|----------------------|-------------------------|
| <b>Twin Code:</b>    | CF-KFIL02               |
| <b>Twin Name:</b>    | Evanescent Field Filter |
| <b>Category:</b>     | Component               |
| <b>Type:</b>         | Function-Based          |
| <b>Version:</b>      | 1.0                     |
| <b>Package:</b>      | Platform                |
| <b>Last Updated:</b> | 2026-01-20              |

## Description

Filters optical fields based on their spatial frequency (evanescent vs. propagating).

**⚠ Note:** This specification sheet is under active development. Detailed technical descriptions, model parameters, and usage examples will be added over the coming months.

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| <b>Keywords:</b>      | evanescent field filter, spatial frequency, filtering, near-field |
| <b>Related Twins:</b> | CF-EDIF01, CS-MSTS01  |