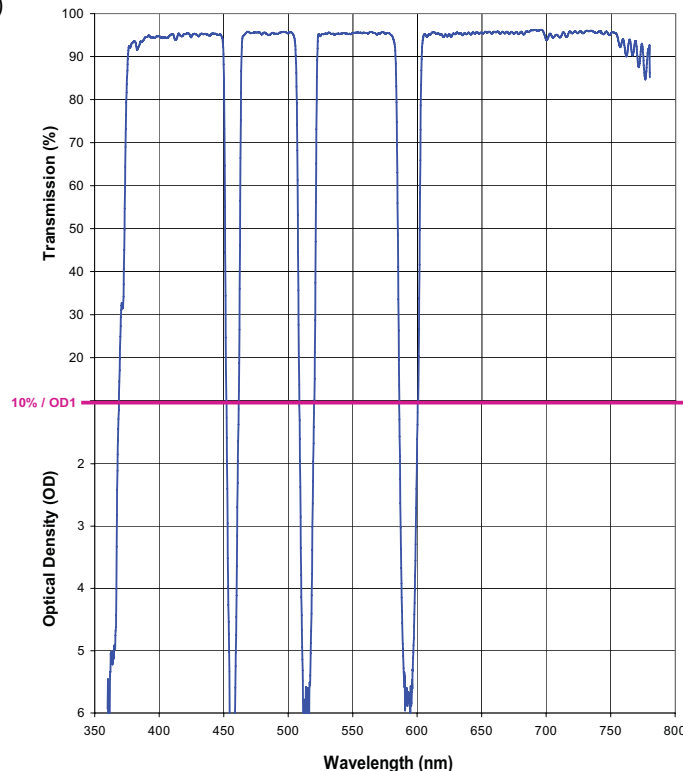


Laser Line Rejection Filters

The superior answer to your laser line blocking needs

Example: Triple Notch Filter

- High transmission (>90%) and low ripple away from blocked wavelengths
- Excellent blocking in notch regions
- Narrow notch widths (<3%)
- Steep transition slopes



Application Examples

- Night vision systems
- Laser line rejection in laser based systems
- Raman spectroscopy
- Laser based fluorescence instruments
- Confocal & laser scanning microscopy

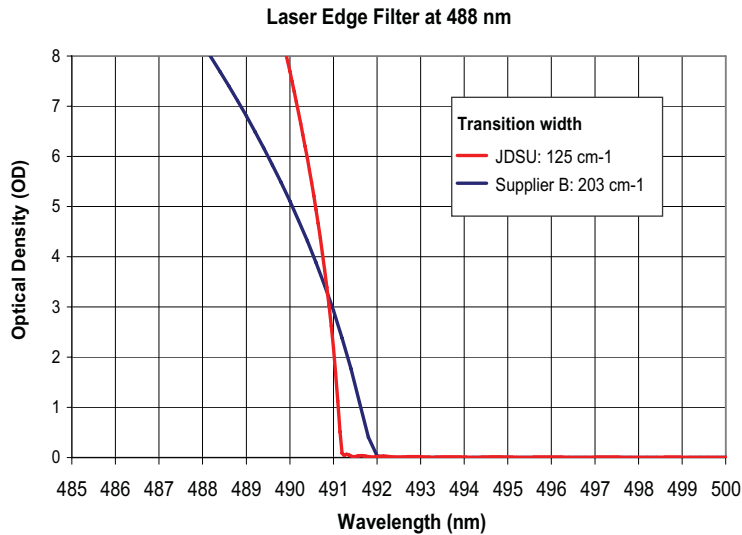
Common Features for all JDSU Laser Line Rejection Filters

- Ultra low autofluorescence → reduced noise
- Hard dielectric coatings → maximum durability
- Negligible temperature dependence → no detectable wavelength shift

The superior answer to your laser line blocking needs

Example: Laser Edge Filters

- Transition width of $\leq 125 \text{ cm}^{-1}$
- Blocking $\rightarrow \text{OD6}$



JDSU's proprietary Ucp-1 coating platform enables a winning equation for leading edge filters.

Fast deposition rates + ultra-precise deposition layer control + short cycle time between coating runs = High performance filters at competitive cost.

The Ucp-1 technology platform also produces other high performance filters such as:
Band pass filters, fluorescence filters, dichroic beamsplitters, beam combiners etc.

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