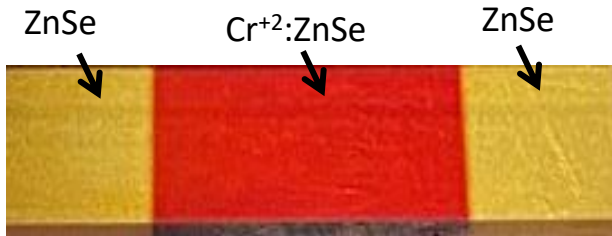


# ONYX OPTICS NEW PRODUCT ANNOUNCEMENT

## Cr: ZnSe composites with diffused layer between Cr<sup>2+</sup>:ZnSe and undoped ZnSe

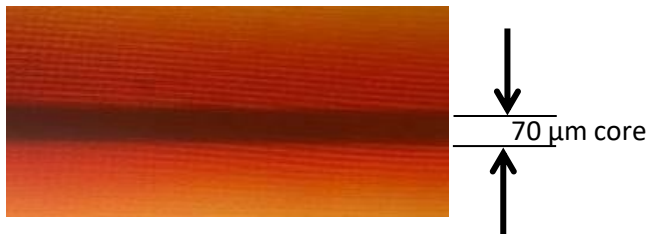
### AFB® Composite Components with undoped ends: Slabs, rods



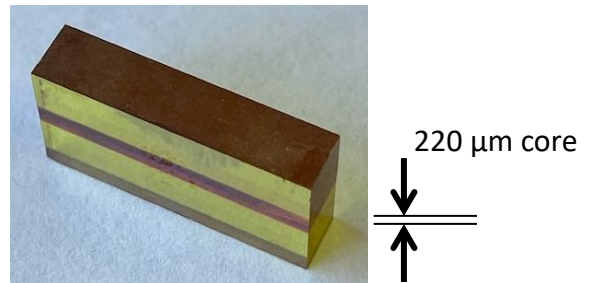
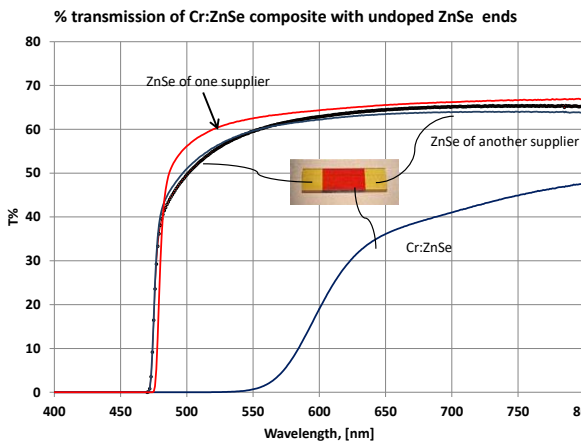
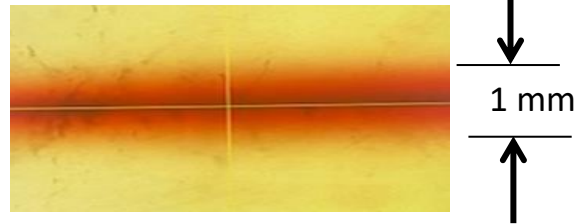
Diffusion of Cr<sup>2+</sup> into ZnSe is about 0.23 mm in this particular composite



### AFB® Planar waveguide components of different core thickness and profiles



No distinct waveguide thickness



Transmission of undoped ZnSe sourced from commercial suppliers is improved during AFB® bonding for any composites

*Chalcogenide laser composite component development is being supported through licensing and a CRADA with AFRL*