



# SOLCERA

## Advanced Materials



### OPTICAL GRADE (INFRARED)

- Magnesium fluoride >99.8%  $\text{MgF}_2$
- Zinc sulfide 100%  $\text{ZnS}$ , FLIR and CLEAR
- Alumina  $\text{Al}_2\text{O}_3$  min. 99.99%
- IG Glasses **VITRON**  
IR-Gläser • Glaskeramik • Wiss.-tech. Leistungen
- Spinel 100%  $\text{MgAl}_2\text{O}_4$

### RF GRADE (ELECTRO-MAGNETIC)

- Silica 99%  $\text{SiO}_2$
- Silicon nitride 100%  $\text{Si}_3\text{N}_4$

### SPINEL CERA4VIEW® BRAZED WINDOWS

DIAM  
30 MM



DIAM  
50 MM



DIAM  
100 MM



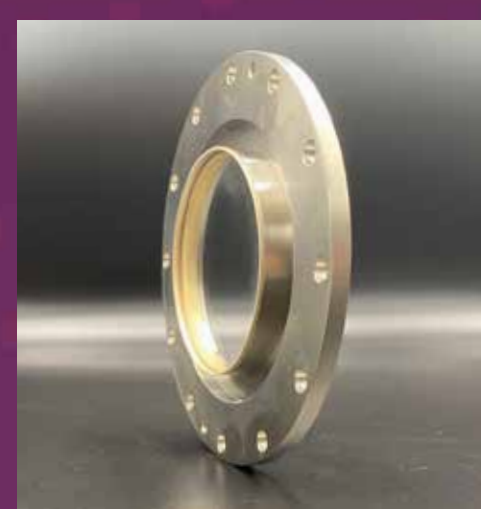
### SPINEL CERA4PROTECT® BALLISTIC SHIELD



Photo courtesy of KNDS OPTRONICS



BRAZED DOMES



BRAZED WINDOWS



PYROTECHNIC  
COMPONENTS

CERAMIC-METAL, SAPPHIRE-METAL,  
GLASS-METAL AND METAL-METAL

BRAZING BONDING GLUING  
SEALING TECHNOLOGIES

