Performance Characteristics

SCHOTT’s tapers provide a method of magnifying or reducing an image with minimum distortion in image transfer applications. All tapers are fabricated to customer specific requirements and can be machined into configurations from round to round, square to square, round to square or rectangular. Formats range up to 75 mm in diameter. Typical magnification ratios range up to 3:1.

Our tapers can also be bonded together in arrays of linear, square or rectangular shape. SCHOTT also offers the technology to bond our fiber optics to various sensors. Applications and markets include Image Magnification or Minification, Displays, Image Coupling to CCD or CMOS Devices, Medical & Dental Radiology, Intensified Video Imaging, Biological Imaging, Displays and Avionics.

All tapers are compatible with common optical coating capabilities; AR, Hot Mirror, ITO, etc.

Optical bonding to Micro-OLED displays, CCD or CMOS

Please ask us about our customized “Package Solutions” bonding fiber optic tapers to CCD/CMOS Sensors or OLED displays.