

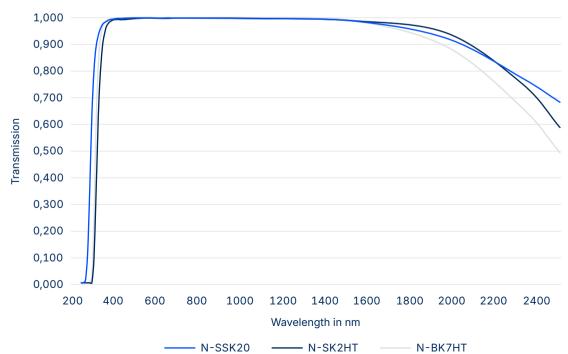
Rod lenses for endoscopy

Advantages working with SCHOTT

- Seamless supply chain from glass (melting in Germany) to finished component (processing at SCHOTT Glass Malaysia) with highest environmental standards.
- Eco-friendly materials, such as N-SSK20, MDR & RoHS conformity and know-how
- High-transmission glass types and optimized coatings enable maximum resolution and contrast, even with a weak signal (for white light imaging, auto fluorescence imaging or even hyperspectral imaging)
- SCHOTT is the R&D and quality leader with a comprehensive portfolio for endscosopy beyond glass
- Strong application engineering team for rapid prototyping and design-to-manufacture support to enable a short time-to-market

N-SSK20/N-SK2HT/N-BK7HT

Internal transmission at 25 mm thickness



- Constant batch to batch variation in n_d/v_d position
- Lead free to support MDR & RoHS conformity
- High transmission in the blue spectral range
- Good chemical resistance



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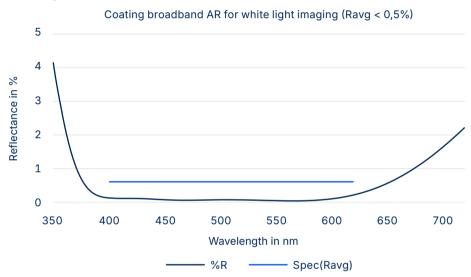
Dimensional specs and metrology

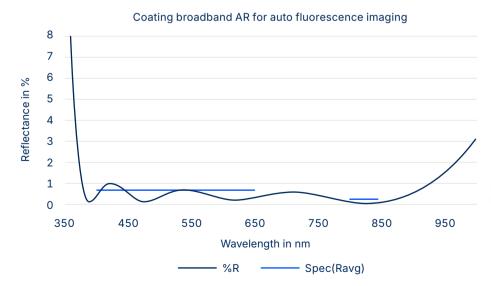


- Dimensions: Ø 2,8 20 mm (± 0,01) x 10 50 mm (± 0,015)
- Optical specifications: (3/1(0,4/-); 4/2'; 5/2x 0,015)
 Chamfer > 0,02; Roundness 0,04
- Metrology: 100 % automated quality control to quarantee reliable mass production
- Specifications according to ISO 10110

Customized specs upon request

Coatings





Ravg < 0.7 % @ 400 - 650 nm Ravg < 0.25 % @ 790 - 840 nm

Note: According to ISO 9211-4. Given is a typical spectral curve. Customized specs upon request