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## KO | BRINGING QUALITY INTO FOCUS

### Telecom Grade Windows for use in Fibre Optic Applications

**Knight Optical** can offer [Telecom Grade Windows](#) for use within Fibre Optic Applications.

We supply a range of Telecom Grade Windows for a range of applications. All individually QA checked and metrology tested for quality to ensure parts meet customer specification. Supplied in a range of sizes and shapes with custom coatings tailored to meet your individual applications.

Knight Optical supply precision optical components to customers within Fibre Optic Applications. Our Telecom Grade Windows are coated to minimise reflection in the telecoms waveband. These windows are optimized for fibre optic applications in the S and C bands between 1460nm to 1565nm while maintaining excellent transmission out of the operating wavelength.

#### Typical specs:

<b>Material:</b>	B270 or equivalent, White Float
<b>Shape:</b>	<b>Circular Windows, Square Windows</b>
<b>Dimensional Tolerances:</b>	+/- 0.1mm
<b>Parallelism:</b>	+/- 5 arc minutes
<b>Surface Figure:</b>	< 5(1) @ 633nm
<b>Surface Quality:</b>	< 40-20 Scratch/Dig

**All our Telecom Grade Windows are fully inspected on their quality in our ISO 9001 certified, state-of-the-art Metrology laboratory**, using our Zygo Verifire Interferometer and our Cary 7000 UMS. This allows us to work to the highest [QA standards](#) and meet the tolerance specifications on these **precision components**.

[Contact our technical sales team](#) to discover how Knight Optical's high quality Telecom Grade Windows and superior service can improve your instrumentation and supply chain experience.

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- [View our QA and metrology information](#)
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