



The high precision stress rods we produce are manufactured to meet your exacting dimensional needs. We have a wide range of diameters/index of precision finished rods, manufactured with tight tolerances.

MAIN CHARACTERISTICS

- High boron concentration
- Tight geometric tolerance
- Various core diameters and lengths

APPLICATIONS

- For polarisation maintaining fibres

Product line **PERFAS**

SPECIFICATIONS	P-BDR-XX-YYY
External diameter ⁽¹⁾ (mm)	14 +/- 0,1
Core diameter (mm)	< 9
Index / Silica index ⁽²⁾	- 7.10 ⁻³
Core ovality (%)	< 2
Conicity	< 2
B ₂ O ₃ concentration	10 - 18 %
Appearance	Flawless
Bubbles counts (> 100 µm)	None

⁽¹⁾ The undoped external silica clad layer can be removed to leave only a thin layer (100 µm) around the doped core.

⁽²⁾ Note that due to the intrinsic stresses the refractive index of the rod is not a suited measure for the boron doped content.

Multiple options and configurations are available. Please contact Photonics Bretagne to find the best fit.
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