

		<ul style="list-style-type: none"><li>• <u>Fibre optic transmission links are critical for the ever-growing demand for high-speed and high-capacity communication networks.</u></li><li>• <u>Through advancements in fibre design, multiplexing techniques, and error correction mechanisms, fibre optics continue to provide unmatched performance.</u></li><li>• <u>The study emphasizes that addressing challenges like environmental impacts and installation costs will be crucial for widespread adoption in both developed and developing regions.</u></li></ul>
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