

# **Abstract**

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**Raman Gain and Raman Gain Coefficient for SiO<sub>2</sub>, GeO<sub>2</sub>, B<sub>2</sub>O<sub>3</sub> and B<sub>2</sub>O<sub>3</sub> P<sub>2</sub>O<sub>5</sub> Glasses**

Fiber Raman amplification using the transmission line is promising technology to increase the repeater distance as well as the capacity of the communication systems.