

increasing diffraction loss  $\rightarrow$

LG<sub>00</sub>

$d = 2.40 \mu\text{m}$

$d = 0.84 \mu\text{m}$

$d = -0.33 \mu\text{m}$

LG<sub>10</sub>

$d = 3.57 \mu\text{m}$

$d = 2.40 \mu\text{m}$

$d = 1.23 \mu\text{m}$

LG<sub>20</sub>

$d = 3.96 \mu\text{m}$

$d = 2.79 \mu\text{m}$

$d = 1.62 \mu\text{m}$

