Diketahui :

Serat optik Multimode Step index, $n1 = 1,48$, $n2 = 1,475$, $L = 75$ Km, $Dmat = 60$ ps/Km-nm, $Dwg = 1$ ps/Km-nm

Sumber optik , $\sigma\lambda = 50$ nm

Hitung : $\sigma mat = ?$, $\sigma_{wg} = ?$, $\sigma i_{mod} = ?$, $\sigma a_{mod} = ?$, $\sigma_{tot} = ?$.