Results

$$F(\frac{2\pi m}{z_f-z_0})\\ (\sqrt{\pi}W)e^{\frac{-\pi(k_0^2\pi W^2-2k_0(m\pi W^2-i(z_0-z_c)(z_f-z_0))+m(m\pi W^2-2iz_c(z_0-z_f)))}{(z_f-z_0)^2}}$$