

Wellenleiter (konstanter Querschnitt)

$$\lambda = \frac{\lambda_0}{\sqrt{1 - \left(\frac{\beta_c}{\beta_0}\right)^2}} = \frac{\lambda_0}{\sqrt{1 - \left(\frac{f_c}{f}\right)^2}} = \frac{\lambda_0}{\sqrt{1 - \left(\frac{\lambda_0}{\lambda_c}\right)^2}}$$