For a prism of the angle A, of refractive index n_2 placed in a medium of refractive index n_1 ,

of refractive index
$$n_1$$
,
$$n_2 = \sin[(A+D_m)/2]$$

 $n_{21} = \frac{n_2}{n_1} = \frac{\sin[(A+D_m)/2]}{\sin(A/2)}$

where D_m is the angle of minimum deviation.

