

substance: Nb₂O₅
property: dielectric constants

B-Nb₂O₅

$\epsilon(0)$	50(3)	<i>a</i> -axis	frequency range 70 Hz...100 MHz, data at RT	68E
	29(3)	<i>b</i> -axis		
	35(3)	<i>c</i> -axis		

P-Nb₂O₅

$\epsilon(0)$	30.6	<i>c</i> -axis	crystal twinned	68E
	29(3)...33(2)	<i>a</i> -axis		

T-Nb₂O₅

$\epsilon(0)$	180(20)	1-axis	axes taken as along the needles (1), through the largest reproducible natural face (2), and orthogonal to these (3)	
	95(10)	2-axis		
	73(10)	3-axis		

H-Nb₂O₅

$\epsilon(0)$	120(20)	<i>b</i> -axis	average value	68E
	30 (5)	\perp <i>b</i> -axis		

M-Nb₂O₅

$\epsilon(0)$	200(100)	\parallel needle axis		68E
	75(15)	\perp needle axis		

References:

68E Emmenegger, F. P., Robinson, M. L. A.: J. Phys. Chem. Solids 29 (1968) 1673.