













Resistivity For Various Materials Resistivities and Temperature Coefficients of Resistivity for Various Materials			Resistors
Silver	1.59×10^{-8}	3.8×10^{-3}	
Copper	1.7×10^{-8}	3.9×10^{-3}	
Gold	2.44×10^{-8}	3.4×10^{-3}	
Aluminum	2.82×10^{-8}	3.9×10^{-3}	
Tungsten	5.6×10^{-8}	4.5×10^{-3} D	
Iron	10×10^{-8}	5.0×10^{-3} A –	P =
Platinum	11×10^{-8}	3.92×10^{-3}	A
Lead	22×10^{-8}	3.9×10^{-3}	
Nichrome ^c	1.50×10^{-6}	0.4×10^{-3}	
Carbon	3.5×10^{-5}	-0.5×10^{-3}	a set the set of the set
Germanium	0.46	-48×10^{-3}	
Silicon	640	-75×10^{-3}	TOSN COL
Glass	10^{10} to 10^{14}		
Hard rubber	$\sim 10^{13}$		
Sulfur	10^{15}		
Quartz (fused)	$75 imes 10^{16}$		
^a All values at 20°	C.		
^b See Section 27.4			













