

## Resistivity for various materials

Material	Resistivity, $\rho$ ( $\Omega$ m) at 20 <sup>0</sup> C
<b>Insulators</b>	
Pure Water	$2.5 \times 10^5$
Glass	$10^{10} - 10^{14}$
Hard Rubber	$10^{13} - 10^{16}$
NaCl	$- 10^{14}$
Fused Quartz	$- 10^{16}$
<b>Semiconductors</b>	
Germanium	0.46
Silicon	640
<b>Conductors</b>	
Silver	$1.6 \times 10^{-8}$
Copper	$17 \times 10^{-8}$
Aluminium	$2.7 \times 10^{-8}$
Tungsten	$5.6 \times 10^{-8}$
Iron	$10 \times 10^{-8}$