

## Conversion Factors

FROM	TO	MULTIPLY BY
<b>Length</b>		
Centimeters .....	Inches .....	.3937
Centimeters .....	Feet .....	.03281
Feet .....	Centimeters .....	30.48
Feet .....	Meters .....	.3048
Inches .....	Centimeters .....	2.54
Inches .....	Meters .....	.0254
Inches .....	Millimeters .....	25.4
Inches .....	Mils .....	1,000
Kilometers .....	Miles .....	0.6214
Meters .....	Feet .....	3.2808
Meters .....	Inches .....	39.37
Meters .....	Yards .....	1.0936
Miles .....	Kilometers .....	1.6093
Millimeters .....	Inches .....	.03937
Millimeters .....	Mils .....	39.3701
Mils .....	Inches .....	.001
Mils .....	Millimeters .....	.0254
Yards .....	Meters .....	0.9144
<b>Area</b>		
Circular mils .....	Square inches .....	.000007854
Circular mils .....	Square mils .....	.7854
Circular mils .....	Square millimeters .....	.0005067
Square centimeters .....	Square inches .....	.155
Square feet .....	Square meters .....	.0929
Square inches .....	Circular mils .....	1,273,240
Square inches .....	Square centimeters .....	6.4516
Square inches .....	Square millimeters .....	645.16
Square inches .....	Square mils .....	1,000,000
Square meters .....	Square feet .....	10,764
Square millimeters .....	Square inches .....	.00155
Square millimeters .....	Circular mils .....	1,973.51
Square mils .....	Circular mils .....	1.2732
Square mils .....	Square inches .....	.000001
<b>Other Conversions</b>		
Kilograms .....	Pounds .....	2.205
Kilograms per kilometer .....	Pounds per 1000 feet .....	.672
Ohms per kilometer .....	Ohms per 1000 feet .....	.3048
Ohms per 1000 feet .....	Ohms per kilometer .....	3.2808
Ohms per 1000 yards .....	Ohms per kilometer .....	1.0936
Picofarads per foot .....	Picofarads per meter .....	3.285
Pounds .....	Kilograms .....	0.4536
Pounds per 1000 feet .....	Kilograms per kilometer .....	1.488
Pounds per 1000 yards .....	Kilograms per kilometer .....	0.4960
Pounds per 1000 yards .....	Pounds per kilometer .....	1.0936
Diameter circle .....	Circumference circle .....	3.1416
Diameter circle .....	Side of equal square .....	.8862
Diameter sphere cubed .....	Volume of Sphere .....	.5236
U.S. gallons .....	Imperial gallons (British) .....	.8327
U.S. gallons .....	Cubic feet .....	.1337
U.S. gallons .....	Pounds of water (20 C) .....	8.33
Cubic feet .....	Pounds of water (4 C) .....	62.427

»Information on this sheet subject to change without notice.

