



## METRIC CONVERSION FACTORS

<b>LENGTH</b>		
<b>TO CONVERT FROM:</b>	<b>TO:</b>	<b>MULTIPLY BY:</b>
Inches	Millimeters	25.4
Millimeters	Inches	0.03937
Inches	Centimeters	2.54
Centimeters	Inches	0.3937
Feet	Meters	0.3048
Meters	Feet	3.2808
Kilofeet	Kilometers	0.3048
Kilometers	Kilofeet	3.2808

<b>AREA</b>		
<b>TO CONVERT FROM:</b>	<b>TO:</b>	<b>MULTIPLY BY:</b>
Square Inches	Square Millimeters	645.16
Square Millimeters	Square Inches	0.00155
Square Inches	Square Centimeters	6.4516
Square Centimeters	Square Inches	0.155
Square Inches	Circular Mils	1,273,240
Circular Mils	Square Inches	.000007854
Circular Mils	Square Millimeters	0.0005067
Square Millimeters	Circular Mils	1973.51
Square Feet	Square Meters	0.0929
Square Meters	Square Feet	10.764

<b>WEIGHT</b>		
<b>TO CONVERT FROM:</b>	<b>TO:</b>	<b>MULTIPLY BY:</b>
Pounds	Kilograms	0.4536
Kilograms	Pounds	2.2046
Pounds/Thousand Feet	Kilograms/Kilometer	1.4882
Kilograms/Kilometer	Pounds/Thousand Feet	0.672

<b>ELECTRICAL</b>		
<b>TO CONVERT FROM:</b>	<b>TO:</b>	<b>MULTIPLY BY:</b>
Ohms/Thousand Feet	Ohms/Kilometer	3.2808
Ohms/Kilometer	Ohms/Thousand Feet	0.3048
Microfarads/Thousand Feet	Microfarads/Kilometer	3.2808
Microfarads/Kilometer	Microfarads/Thousand Feet	0.3048
Megohms/Thousand Feet	Megohms/Kilometer	0.3048
Megohms/Kilometer	Megohms/Thousand Feet	3.2808