



Formulas - Data - Measurements

Area - Electrical

AREA				
Square inches	x 645	equal	Square millimeters	mm ²
Square inches	x 6.452	equal	Square centimeters	cm ²
Square foot	x 0.0929	equal	Square meters	m ²
Square yards	x 0.836	equal	Square meters	m ²
Acres	x 43,560	equal	Square foot	sq.ft.
Acres	x 4047	equal	Square meters	m ²
Acres	x 0.4047	equal	hectares	ha
Square miles	x 2.590	equal	Square kilometers	km ²
Square millimeters	x 0.00155	equal	Square inches	sq.in.
Square centimeters	x 0.1550	equal	Square inches	sq.in.
Square meters	x 10.76	equal	Square foot	sq.ft.
Square meters	x 1.196	equal	Square yards	sq.yd.
Hectares	x 2.471	equal	Acres	a
Square kilometers	x 0.3861	equal	Square miles	sq.mi.
	1 square foot	equal	144 square inches	
	1 square yard	equal	9 square feet	
	1 acre	equal	4,840 square yards	
	1 square mile	equal	640 acres	
	1 square meter	equal	10,000 square centimeters	
	1 hectar	equal	10,000 square meters	
	1 square kilometer	equal	1,000,000 square meters	

ELECTRICAL		
1 mF per mile	equal	0.62 mF/km
1 uF per mile	equal	0.62 uF/km
1 megohm per mile	equal	1.61 megohm per km
1 decibel per mile	equal	71.5 mN per km
1 ohm per 1000 ft.	equal	3.28 ohm per km
1 ohm per 1000 yd.	equal	1.0936 ohm per km