

## ROPES AND CABLES

6 feet	= 1 fathom	= 1.83 metres
120 fathoms	= 1 cable or cable length	= 0.22 km.
3 nautical miles	= 1 league	

### Metric units of Length

1 megametre	=	1,000,000 metres	
1 hectokilometre	=	100,000 metres	
1 myriametre	=	10,000 metres	
1 kilometre (km)	=	1,000 metres	
1 hectometre (hm)	=	100 metres	
1 dekametre (dkm)	=	10 metres	
1 metres (m)	=	1 metre	
1 decimetre (dm)	=	1/10 metres	= 10 dm.
1 centimetre (cm)	=	1/100 metres	= 10 cm.
1 millimetre (mm)	=	1/1000 metres	= 10 mm.
1 micron or micrometre	=	1/1000 millimetre	= 0.00039 inch
1 millimicron	=	one – millionth of a millimetre	

The metre is used in ordinary measurements, the centimeter or millimeter in reckoning very small distance or measurements, and the kilometer for roads or great distances.

### Conversion Factors

1/25 inch	=	1 millimeter	1 millimetre	=	0.03937 inch
1 inch	=	25.4	1 centimetre	=	.3937 or 2/5 inch
	=	2.54 cm (exact)	1 decimetre	=	3.937 inches
1 foot	=	30.48 centimetres		=	0.328 feet
		0.3048 metres	1 metre	=	39.37 inches
1 Yard	=	0.0144 metres		=	3.281 feet
	=	91.44 centimetres		=	1.094 yards
1 rod	=	5.029 metres	1 dekametre	=	32.81 feet
1 furlong	=	0.201 kilometres		=	10.91 yards
	=	201.168 metres	1 hectometre	=	328 ft. 1 in
1 mile	=	1.609 kilometres	1 kilometre	=	3280 ft. 10 inc.
	=	1609 metres		=	1093.63 yards
				=	4.97 furlongs
				=	5/8 or 0.621 mile

Inch	1/10	1/8	3/16	¼	5/16	3/8	7/10	½
MM	1.587	3.175	4.762	6.350	7.937	9.535	11.112	12.70
Inch	9/16	5/8	11/16	¾	13/16	7/8	15/16	1
MM	14.29	15.87	17.46	19.05	20.64	22.22	23.81	25.40

Inch	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09	0.10
MM	0.254	0.508	0.762	1.016	1.270	1.524	1.778	2.032	2.286	2.540