

Measured Length = ML (trajectory)

Also called [Path Length](#) or [Measured Length](#).

Distance l between two points of [Trajectory](#) $\mathbf{r}(l)$

(1)
$$l = \int_0^l \sqrt{dx^2 + dy^2 + dz^2} = \int_0^l \sqrt{\dot{x}^2 + \dot{y}^2 + \dot{z}^2} dl$$

where

$\mathbf{r}(l)$	position vector of trajectory points
l	path length from reference point $\mathbf{r}_0 = \{x_0 = 0, y_0 = 0, z_0 = 0\}$

See also

[Natural Science](#) / [Physics](#) / [Measuring](#) / [Positioning](#) / [Trajectory](#)

[[Deviation Data](#)] [[Inclination](#)] [[Azimuth](#)]