

Civil Engineering Calculator

CHAIN / TAPE CORRECTION SURVEY REPORT

Date Generated: 07 Jul 2026, 11:55

Measurements & Corrections Summary:

Measured Length: 10.000 m

Nominal Length: 30.0 | Actual Length: 32.8

Total Net Correction: +0.9333 m

Final Corrected Length: 10.933 m

Correction Type	Formula	Value	Status
Standardization (Ca)	$((l' - l) / l) * L$	+0.9333 m	Applied
Temperature (Ct)	$\alpha * (T_m - T_s) * L$	—	Skipped
Pull / Tension (Cp)	$(P_m - P_s) * L / (A * E)$	—	Skipped
Sag Correction (Cs)	$-(W^2 * l * n) / (24 * P^2)$	—	Skipped
Slope Correction (Ch)	$-L * (1 - \cos(\theta))$ or $-h^2 / (2L)$	—	Skipped
Alignment Correction (Cm)	$-d^2 / (2L)$	—	Skipped

Disclaimer: For reference/estimation only. Not a substitute for professional survey analysis.