

Conduit Cut Length Calculator

Add straight conduit runs, bend count, shrink per bend, and optional waste allowance to create a transparent cut-length calculation.

Generated October 10, 2026

<https://www.elecatrix.com/conduit-bending/conduit-cut-length-calculator/>

Inputs

Input	Value	Unit
Straight run 1	30	in
Straight run 2	20	in
Straight run 3	10	in
Bend count	4	bends
Shrink per bend	0.5	in
Waste allowance	5	%

Results

Result	Value	Unit
Straight length total	60	in
Bend shrink total	2	in
Adjusted length	62	in
Waste allowance length	3.1	in
Recommended cut length	65.1	in

Calculation details

Detail	Value	Unit
Layout boundary	Layout estimate only; no actual bender geometry, fittings, coupling allowance, springback, field obstruction, or installation approval is determined.	

Formulas

Straight length total = run 1 + run 2 + run 3

Bend shrink total = bend count x shrink per bend

Conduit Cut Length Calculator

Add straight conduit runs, bend count, shrink per bend, and optional waste allowance to create a transparent cut-length calculation.

Generated October 10, 2026

<https://www.elecatrix.com/conduit-bending/conduit-cut-length-calculator/>

Adjusted length = straight length total + bend shrink total

Waste allowance length = adjusted length x (waste allowance (%)/100)

Recommended cut length = adjusted length + waste allowance length

Warnings and limitations

This conduit cut-length estimate depends on user-entered shrink and waste assumptions. Verify actual bend sequence, take-up, springback, conduit condition, coupling allowance, and field measurements before cutting.