User Manual: Section Robot Parameters

FORMAT: # (single numbers)

1. Select the number of cables

   A positive whole number should be entered in this field (the maximum number of cables is 50)
   By changing the number of cables the parameter table increases dimensions (additional blank columns) or decreases dimensions (columns are automatically deleted) .

2. Define the cable parameters

Notation	Meaning	Valid Entries
a_x	Onboard Anchor points	Values should be real (whole/decimal and positive/negative/zero) numbers
a_y		
a_z		
r_x	External Anchor Points	Values should be real (whole/decimal and positive/negative/zero) numbers
r_y		
r_z		
t_{min}	Tension Ranges	Values should be real (whole/decimal and positive/negative/zero) numbers
t_{max}		$T_{min} < T_{max}$

Note:

To enter a *planar robots* leave all the z coordinates a_z and r_z empty or with the same value and specify all the other entries.

To enter *spatial robots* all the entries must be specified.