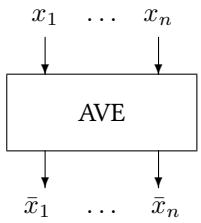
Block AVE

The AVE block calculates the average of its input signal over a complete simulation run.





Name	AVE
Function	fb0021
Inputs	1 . . . [50]
Outputs	1 . . . [50]
Parameters	0
Strings	0
Group	I

Inputs

i Any signal x_i

Outputs

i Average $\bar{x}$ over all x_i

Parameters

None

Strings

None

ave.vseit



In a DO block numbers are counted from 1 to 10. The AVE block calculates the average over the complete run. The outputs of these two blocks are then displayed by the SCREEN block.

```
10.00    5.50
```

See also Blocks AVEC, AVEM, AVEP