

CSCS:

Canonical Simulation Configuration String

Example:

'r-0.7-(2,0),(0,2)/Si3N4=1:C(0,0,1)-S(0,1,1)/Ag=1.1'

A B C D E F G H I J

A. Simulation mode:

'r' = reflection mode

't' = transmission mode

B. Simulation wavelength (in micron)

C. Lattice basis:

(2,0),(0,2) is a square lattice with a periodicity of 2

(1,0),(0,1) is a square lattice with a periodicity of 1

D. Material formula:

'Si3N4', 'SiO2', 'Ag',...

E. Material thickness (in micron)

F. Pattern shape

S: square

C: circle

P: polygon

G. Pattern position

X coordinate and Y coordinate.

H. Pattern radius or halfwidth (in micron)

I. Supports many patterns on the same layer

J. Layer divider

'/' indicates the start of each layer.