4.23 Find the ABCD matrix for the circuit shown below by direct calculation using the definition of the ABCD matrix, and compare with the ABCD matrix of the appropriate cascade of canonical circuits

From Table 4.1.

Pirect
Calculation

Port
$$\frac{1}{\sqrt{1}}$$

Port
 $\frac{1}{\sqrt{2}}$ 

Port
 $\frac{1}{\sqrt{$