

Table 12

Matrix Formulation of Distributed Parameter Network

Network Configuration	Terminals	Ports
$\theta = \sqrt{j\omega(1+N)RC}$		
$R-C-NR$ 	$\frac{1}{(1+N)R}$	$\frac{R}{\theta}$
$C-R-NC$ 	$\frac{j\omega C}{\theta}$	$\frac{1}{j\omega(1+N)C}$