$$(C \otimes C')_4 = C_2 \otimes C'_2$$

$$(C \otimes C')_3 = C_2 \otimes C'_1 + C_1 \otimes C'_2$$

$$(C \otimes C')_2 = C_2 \otimes C'_0 + C_1 \otimes C'_1 + C_0 \otimes C'_2$$

$$(C \otimes C')_1 = C_1 \otimes C'_0 + C_0 \otimes C'_1$$

$$(C \otimes C')_0 = C_0 \otimes C'_0$$

$$
\begin{array}{ccc}
C_2 \otimes C'_2 \longrightarrow & C_1 \otimes C'_2 \longrightarrow & C_0 \otimes C'_2 \\
\downarrow & \downarrow & \downarrow \\
C_2 \otimes C'_1 \longrightarrow & C_1 \otimes C'_1 \longrightarrow & C_0 \otimes C'_1 \\
\downarrow & \downarrow & \downarrow \\
C_2 \otimes C'_0 \longrightarrow & C_1 \otimes C'_0 \longrightarrow & C_0 \otimes C'_0
\end{array}
$$