$$
\begin{aligned}
f''(x) &= \frac{1}{2h}(Df(x+h,h) - Df(x-h,h) \\
&= \frac{1}{2h}\left[\frac{f(x+h+h) - f(x+h-h}{2h} + O(h^2) - \frac{f(x-h+h) - f(x-h-h)}{2h} + O(h^2)\right] + O(h^2) \\
&= \frac{1}{2h}\left[\frac{1}{2h}\left[f(x+2h) - f(x) - f(x) + f(x-2h)\right] + O(h^2) + O(h^2)\right] + O(h^2) \\
&= \frac{f(x+2h) - 2f(x) + f(x-2h)}{4h^2} + O(h^2)
\end{aligned}
$$