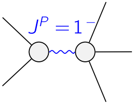
$$\begin{array}{c|cc} & \mathcal{A}^{\#1}_{0^+} & \mathcal{A}^{\#1}_{1^-}{}_{\alpha} \\ \hline \mathcal{A}^{\#1}_{0^+}{}^{\dagger} & \gamma & \\ \mathcal{A}^{\#1}_{1^-}{}^{\dagger\alpha} & & -\frac{k^2\,\alpha}{2}+\gamma \end{array}$$

$$\begin{array}{c|cc} & \mathcal{J}^{\#1}_{0^+} & \mathcal{J}^{\#1}_{1^-}{}_{\alpha} \\ \hline \mathcal{J}^{\#1}_{0^+}{}^{\dagger} & \frac{1}{\gamma} & \\ \mathcal{J}^{\#1}_{1^-}{}^{\dagger\alpha} & & \frac{1}{\mathrm{Det}\,(1^-)} \end{array}$$

Abbreviations used in matrices

$\mathrm{Det}\,(1^-) == -\frac{k^2\,\alpha}{2}+\gamma$
Lagrangian
$\gamma\,\mathcal{A}_{\alpha}\,\mathcal{A}^{\alpha}-\frac{1}{4}\,\alpha\,\partial_{\alpha}\mathcal{A}_{\beta}\,\partial^{\alpha}\mathcal{A}^{\beta}+\frac{1}{4}\,\alpha\,\partial^{\alpha}\mathcal{A}^{\beta}\,\partial_{\beta}\mathcal{A}_{\alpha}+\frac{1}{4}\,\alpha\,\partial_{\alpha}\mathcal{A}_{\beta}\,\partial^{\beta}\mathcal{A}^{\alpha}-\frac{1}{4}\,\alpha\,\partial_{\beta}\mathcal{A}_{\alpha}\,\partial^{\beta}\mathcal{A}^{\alpha}$

Added source term(s):	$\mathcal{A}^{\alpha}\,\mathcal{J}_{\alpha}$		
Resolved pole(s)	# polarization(s)	Square mass	Residue
	3	$\frac{2\,\gamma}{\alpha}$	$\frac{2}{\alpha}$
Resolved unitarity condition(s):		$\gamma > 0\ \&\&\ \alpha > 0$	